10082371 search
METHOD FOR IMPLEMENTING SECURE TRANSACTION FOR ELECTRONIC DEPOSIT (PURSE)

Section 1: inventors search
Section 2: subject search
Section 3; best results

This application and others by this inventor highlighted ift green
Best results highlighted in yellow and copied to section 3
Other items that might be of interest are highlighted in Blue

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Section 1
Inventors search: patent literature

Set Items Description
S1 5608 S AU=(LI, D? OR LI D? OR LI(2N)DONGSHENG OR DONGSHENG L? OR DONGSHENG, L?)
S2 16 S S1 AND IC=G06F-017/60
S3 2 S S2 AND DEPOSIT?
; show files

[File 350] Derwent WPIX 1963-2008/UD=200855
(c) 2008 Thomson Reuters. All rights reserved.

[File 347] JAPIO Dec 1976-2007/Dec(Updated 080328)
(c) 2008 JPO & JAPIO. All rights reserved.

[File 348] EUROPEAN PATENTS 1978-200834
(c) 2008 European Patent Office. All rights reserved.

[File 349] PCT FULLTEXT 1979-2008/UB=20080821|UT=20080814
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3/5/1 (Item 1 from file: 350) Links
Derwent WPIX
(c) 2008 Thomson Reuters. All rights reserved.
0010723901 & & *Drawing available*
WPI Acc no: 2001-335372/200135
XRPX Acc No: N2001-242110
Method for secure transaction for electronic bankbook, purse using grey lock mark
Patent Assignee: LI D (LIDD-I)
Inventor: LI D

Patent Family (+6 patents, 85 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
WO 200101502 4	A1	20010301	WO 1999CN124	A	19990823	200135	B
AU 199954058	A	20010319	AU 1999540 58	A	19990823	200136	E
			WO 1999CN124	A	19990823		
US 20020138429	A1	20020926	WO 1999CN124	A	19990823	200265	E

			US 20020237[illegible]	A	20020225			
EP 1237112	A1	20020904	EP 1999930899	A	19990823	200266	E	
			WO 1999CN124	A	19990823			
CN 1367908	A	20020904	CN 1999815857	A	19990823	200301	E	
			WO 1999CN124	A	19990823			
ZA 200201160	A	20030730	ZA 20021160	A	20020211	200359	NCE	

Alerting Abstract WO A1

NOVELTY - A grey lock mark is incorporated into electronic bankbook as one of its properties. While grey lock mark is set in IC card, source of locking IC card is written in IC card. During operation to deduct paid money from sum of money, source of IC card is confirmed and operation of deducting paid money from sum of money and operation to unlock IC card from grey lock are combined into one operation of IC card. After paid money is successfully deducted, grey lock mark is automatically removed.

USE - Method for the accomplishment secure transaction for electronic bankbook/purse.

ADVANTAGE - Prevents grey lock from being illicitly removed so transaction process of the electronic bankbook/purse is safer and easier.

3/5/2 (Item 1 from file: 348) Links

EUROPEAN PATENTS

01272342

A METHOD FOR THE ACCOMPLISHMENT SECURE TRANSACTION FOR ELECTRONIC BANKBOOK (PURSE)

VERFAHREN ZUM AUSFUHREN SICHERER TRANSAKTIONEN IN EINEM ELEKTRONISCHEN SPARBUCH

PROCEDE DE REALISATION DE TRANSACTIONS SECURISEES SUR LIVRET BANCAIRE ELECTRONIQUE (TIRELIRE)

Patent Assignee:

* LI, Dongsheng; (3261320)
  4/F, 26, 4th Street Chuangyezhong Road, Shangdi Information Industry Base, 100085 Beijing; (CN) (Applicant designated States: all)

	Country	Number	Kind	Date	
Patent	EP	1237112	A1	2002/904	(Basic)
	WO	2001015024		20010301	
Application	EP	99939899		19990823	
	WO	99CN124		19990823	

International Patent Class (V7): G06F-017/60; G07F-007/08; G07G-001/12CITED PATENTS: (WO A)

EP 813173 A2; CN 1180439 A ; CN 1183841 A ; US 5773804 A ; EP 735720 A ; Abstract EP 1237112 A1

The invention discloses a method implementing secure transaction for electronic deposit, it is characterized that: a grey lock mark is merged into a electronic deposit and becomes one of electronic deposit attribute parameters: when locking a IC card i.e. setting a grey lock mark on a IC card, locking card source is recorded on the IC card at the same time; when debiting, judging the locking card source and combing debiting operation with unlocking operation into one step operation, i. e. after debiting

successfully, unlocking is automatically done. It solves illegal unlocking problem effectively and thoroughly, so electronic deposit consumption transaction is more secure and convenience.

Inventors search; non patent literature

Set Items Description
S1 9422 S AU=(LI, D? OR LI D? OR LI(2N)DONGSHENG OR DONGSHENG L? OR DONGSHENG, L?)
S2 335 S S1 AND DEPOSIT?
S3 6 S S2 AND SECUR?
S4 5 RD (unique items)
; show files

[File 2] INSPEC 1898-2008/Jul W4
(c) 2008 Institution of Electrical Engineers. All rights reserved.

[File 35] Dissertation Abs Online 1861-2008/Apr
(c) 2008 ProQuest Info&Learning. All rights reserved.

[File 65] Inside Conferences 1993-2008/Aug 28
(c) 2008 BLDSC all rts. reserv. All rights reserved.

[File 99] Wilson Appl. Sci & Tech Abs 1983-2008/Jul
(c) 2008 The HW Wilson Co. All rights reserved.

[File 474] New York Times Abs 1969-2008/Aug 28
(c) 2008 The New York Times. All rights reserved.

[File 475] Wall Street Journal Abs 1973-2008/Aug 29
(c) 2008 The New York Times. All rights reserved.

[File 583] Gale Group Globalbase(TM) 1986-2002/Dec 13
(c) 2002 The Gale Group. All rights reserved.
**File 583: This file is no longer updating as of 12-13-2002.*

[File 139] EconLit 1969-2008/Jul
(c) 2008 American Economic Association. All rights reserved.

[File 20] Dialog Global Reporter 1997-2008/Aug 27
(c) 2008 Dialog. All rights reserved.

[File 15] ABI/Inform(R) 1971-2008/Aug 27
(c) 2008 ProQuest Info&Learning. All rights reserved.

[File 610] Business Wire 1999-2008/Aug 29
(c) 2008 Business Wire. All rights reserved.
**File 610: File 610 now contains data from 3/99 forward. Archive data (1986-2/99) is available in File 810.*

[File 810] Business Wire 1986-1999/Feb 28
(c) 1999 Business Wire . All rights reserved.

[File 613] PR Newswire 1999-2008/Aug 28
(c) 2008 PR Newswire Association Inc. All rights reserved.

File 613: File 613 now contains data from 5/99 forward. Archive data (1987-4/99) is available in File 813.

[File 813] PR Newswire 1987-1999/Apr 30
(c) 1999 PR Newswire Association Inc. All rights reserved.

[File 634] San Jose Mercury Jun 1985-2008/Jul 10
(c) 2008 San Jose Mercury News. All rights reserved.

[File 624] McGraw-Hill Publications 1985-2008/Aug 28
(c) 2008 McGraw-Hill Co. Inc. All rights reserved.
File 624: Homeland Security & Defense and 9 Platt energy journals added Please see HELP NEWS624 for more

[File 9] Business & Industry(R) Jul/1994-2008/Aug 22
(c) 2008 The Gale Group. All rights reserved.

[File 275] Gale Group Computer DB(TM) 1983-2008/Aug 21
(c) 2008 The Gale Group. All rights reserved.

[File 621] Gale Group New Prod.Annou.(R) 1985-2008/Aug 11
(c) 2008 The Gale Group. All rights reserved.

[File 636] Gale Group Newsletter DB(TM) 1987-2008/Aug 21
(c) 2008 The Gale Group. All rights reserved.

[File 16] Gale Group PROMT(R) 1990-2008/Aug 21
(c) 2008 The Gale Group. All rights reserved.
File 16: Because of updating irregularities, the banner and the update (UD=) may vary.

[File 160] Gale Group PROMT(R) 1972-1989
(c) 1999 The Gale Group. All rights reserved.

[File 148] Gale Group Trade & Industry DB 1976-2008/Aug 29
(c)2008 The Gale Group. All rights reserved.
File 148: The CURRENT feature is not working in File 148. See HELP NEWS148.

[File 256] TecInfoSource 82-2008/Apr
(c) 2008 Info.Sources Inc. All rights reserved.

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[File 625] American Banker Publications 1981-2008/Jun 26
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File 625: This file no longer updates. Use Newsroom Files 989 and 990 for current records.

[File 268] Banking Info Source 1981-2008/Aug W3
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[File 626] Bond Buyer Full Text 1981-2008/Jul 07
(c) 2008 Bond Buyer. All rights reserved.
File 626: This file no longer updates. Use Newsroom Files 989 and 990 for current records.

[File 267] Finance & Banking Newsletters 2008/Aug 11
(c) 2008 Dialog. All rights reserved.

[File 608] KR/T Bus.News. 1992-2008/Aug 28

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4/3,K/1 (Item 1 from file: 15) Links
ABI/Inform(R)

03237133 1252828201
THE INVESTMENT PORTFOLIO OF THE LIFE INSURANCE INDUSTRY IN CHINA: PECULIAR CONSTRAINTS AND THE SPECIALIST PROBLEM
Li, Desmond W P
Risk Management & Insurance Review v9n1 pp: 75
Spring 2006
ISSN: 1098-1616 Journal Code: RMIR
...of less than ten years' duration (see Table 2). The prevailing term of negotiated term deposits with banks in the last few years is only five years. Such terms that are...

4/3,K/2 (Item 2 from file: 15) Links
ABI/Inform(R)

03096544 1011005561
Stock return autocorrelation and institutional investors: the case of American depository receipt
Li, DeQing Diane; Yung, Kenneth
Review of Accounting & Finance v5n1 pp: 45-58
2006
ISSN: 1475-7702 Journal Code: RCCF

...information by small investors makes the private information of institutional investors in the ADR (American Depository Receipt) market more significant and influential. As such, the ADR market provides a favorable environment...

4/3,K/3 (Item 3 from file: 15) Links
ABI/Inform(R)

00899784 95-49176
Great leaps forward
Li, David K P
Banker v144n822 pp: 10-11
Aug 1994
ISSN: 0005-5395 Journal Code: BKR
...The Bank of East Asia, one of the first foreign banks allowed to accept Renminbi deposits in China, demonstrates how foreign banks assist in China's economic development. China is now...

4/3,K/4 (Item 1 from file: 148) Links
Gale Group Trade & Industry DB

08200031 Supplier Number: 17504507 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Enter the dragon: Hong Kong's growing role in world finance.(Focus: Business in Hong Kong After 1997)
Li, David K.P.
Columbia Journal of World Business , v30 , n2 , p34(6)
Summer , 1995
ISSN: 0022-5428
Language: English
Record Type: Fulltext; Abstract
...restored as a result of the nature of the government's intervention. The government-appointed Securities Review Committee's recommendations resulted in the establishment of the Securities and Futures Commission (SFC) in 1989. The SFC, an independent regulatory body charged with improving...

4/3,K/5 (Item 2 from file: 148) Links
Gale Group Trade & Industry DB

08132345 Supplier Number: 17415461 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Great leaps forward. (on China's economic progress)
Li, David K.P.
Banker , v144 , n822 , p10(2)
August , 1994
ISSN: 0005-5395
Language: English
Record Type: Fulltext; Abstract
Abstract: ...in several cities. The bank, which set up operations in the country in 1920, offers securities brokerage through its subsidiary, Tung Shing Securities. Meanwhile, China is continuing its market reforms through new laws on companies, securities, foreign trade, futures, labor, insurance and trade.

Section 2
Subject Search; patent literature; abstracts/bibliographic

Set Items Description
S1 7999 S (((ELECTRONIC OR E OR VIRTUAL OR COMPUTER? OR CYBER OR ONLINE OR ON()LINE)(3N)(BANKBOOK OR (BANC OR BANK)()BOOK OR PURSE)) OR ((USER OR USERS OR CHECKING OR BANK OR SAVINGS OR BANC OR DEPOSIT OR CREDIT()UNION OR (FINANCIAL OR DEBIT OR CREDIT)()(INSTITUTION OR INSTITUTIONS OR ENTITY OR ENTITIES))(4N)(ACCOUNT OR ACCOUNTS OR DEPOSIT OR DEPOSITS)) OR (EPURSE OR EWALLET OR DIGIWALLET? ? OR DIGIPURSE? ? OR CYBERPURSE? ? OR CYBERWALLET? ? OR (IC OR SMART MEMORY OR MICROPROCESSOR OR INTEGRATED()CIRCUIT OR CHIP)()CARD? ? OR ICC OR (E OR ELECTRONIC OR DIGI OR DIGITAL OR CYBER OR VIRTUAL OR SMART)(2N)(CASH OR CARD? ? OR CURRENC? OR DOLLAR? OR MONEY OR MONIES OR PURSE? ? OR WALLET? OR BILLFOLD? ? OR POCKETBOOK? ? OR HANDBAG? ?))(5N)((GREY()LOCK OR GREYLOCK OR SECURE OR SECURITY)()MARK? ? OR GREY()OPERATION? ? OR UNLOCK? OR LOCK? OR SECURE OR SECURITY OR ENCRYPT???

OR DECRYPT??? OR CIPHER? ? OR CYPER? ? OR IN()CODE OR ENC?PEHR?? OR DEC?PHER? OR CODED OR CODING OR LOCK? OR UNLOCK?)
S2 100307 S (SECURE? ? OR ENCRYPT??? OR (NON OR "NOT")()TAMPER? OR TAMPER()(PROOF OR RESISTAN??) OR SEALED OR CIPHER OR CYPHER OR LOCK??? OR RESTRICTED OR CONTROLLED OR PROTECT?? OR ENCOD??? OR ENC?PHER??? OR SAFE? ? OR IMPREGNABLE OR INVIOLABLE)(3W)(ACT OR ACTS OR ACTION OR ACTIONS OR ACTIVITY OR ACTIVITIES OR ATTEMPT OR ATTEMPTS OR BUY??? OR BUYOUT OR BUYOUTS OR BUY???()(OUT OR OUTS) OR DEAL OR DEALS OR DEALING OR DEALINGS OR EXCHANG??? OR MARKET()(EVENT OR EVENTS OR ACTIVITY OR ACTIVITIES) OR OPERATION OR OPERATIONS OR ORDER OR ORDERS OR PROCEDURE OR PROCEDURES OR PURCHAS??? OR SALE OR SALES OR SELL??? OR TRADE OR TRADES OR TRADING OR TRANSACTION OR TRANSACTIONS OR TRANSFER? OR VALUE(2N)TRANSFER?)
S3 426870 S (VERIFY??? OR VERIFI? OR VALIDAT? OR DETERMIN??? OR DETERMINATION OR CHECK??? OR CONFIRM??? OR CONFIRMATION OR AUTHENTICAT?) AND (RESET OR RESETTING OR RESETS OR RE()(SET OR SETS OR SETTING) OR ENABL??? OR REENABL? OR ACTIVAT??? OR REACTIVAT??? OR ENGAG??? OR REENGAG??? OR (TURN??? OR POWER??? OR SHUT? ? OR SHUTTING OR SWITCH???)()ON OR ENABL? OR REENABL? OR RESTART??? OR RE()START???)
S4 744 S S1 AND S2
S5 157 S S4 AND S3
S6 75 S S5 AND IC=G06F?
S7 25 S S6 NOT AD=2000:2008
S8 25 IDPAT (sorted in duplicate/non-duplicate order)
S9 25 IDPAT (primary/non-duplicate records only)
; show files

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9/5/1 (Item 1 from file: 350) Links
Derwent WPIX

0010356727 & & *Drawing available*
WPI Acc no: 2000-672363/200065
XRPX Acc No: N2000-498487
Receiving and processing system used for receiving and processing funds transfer transaction from a customer of a financial institution over a non-secure network
Patent Assignee: CHASE MANHATTAN BANK (CHAS-N); CHASE MANHATTAN BANK NA (CHAS-N); MORGAN CHASE BANK J P (MORG-N)
Inventor: ADLER L A; BING R L; BOYLE J M; BRIODY C K; EMERY I K; JOU B; MASCIO K; MORAN B A

Patent Family (7 patents, 88 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
WO 2000030007	A2	20000525	WO 1999US27035	A	19991112	200065	B
AU 200017246	A	20000605	AU 200017246	A	19991112	200065	E
EP 1131759	A2	20010912	EP 1999960350	A	19991112	200155	E

			WO 1999US27035	A	19991112		
JP 2002530752	W	20020917	WO 1999US27035	A	19991112	200276	E
			JP 2000582945	A	19991112		
AU 777141	B2	20041007	AU 200017246	A	19991112	200480	E
CN 1630865	A	20050622	CN 1999813158	A	19991112	200563	E
CA 2349472	C	20060321	CA 2349472	A	19991112	200622	E
			WO 1999US27035	A	19991112		

Alerting Abstract WO A2

NOVELTY - A back office processor generates a funds transfer instruction in response to the received input information from an application server (14). The back office processor executes the funds transfer instruction. The application server hosts an Internet site application program which can be accessed by a customer of a financial institution through a standard Internet browser.

DESCRIPTION - The user input screens accept input information with respect to at least one funds transfer transaction from the customer. The user input screens are contained in the Internet site application program.An INDEPENDENT CLAIM is also included for receiving and processing funds transfer transactions from a customer of a financial institution.

USE - Used for receiving and processing funds transfer transaction from a customer of a financial institution over a non-secure network.

ADVANTAGE - Provides banking customers the ability to use the Internet to communicate with a single bank. Enables the customers to manage all of their banking accounts at any banks for transaction reporting and initiation. Eliminates the need for the customers to establish separate communications with their different banks, maintain separate software packages, remember separate user identification and passwords, deal with a variety of security devices, pay for separate software licenses required by their banks, learn to use different transaction input screens, and the inefficiency of handling separate transaction databases. Enables the customers to access the system anywhere given the ubiquitous presence of the Web.

9/5/2 (Item 2 from file: 350) Links

Derwent WPIX

0010269653 & & *Drawing available*

WPI Acc no: 2000-582479/200055

XRPX Acc No: N2000-431175

Data comparison apparatus in integrated circuit card processing system, compares sales and purchase money based on reception of decoding request from decoder when decoding impossibility is judged

Patent Assignee: FUJITSU LTD (FUIT)

Inventor: ISHIDA Y

Patent Family (1 patents, 1 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
JP 2000231654	A	20000822	JP 199932372	A	19990210	200055	B

Alerting Abstract JP A

NOVELTY - Encrypted information about sales and purchase money is input to a decoder (110) from a reader-writer (300) which reads information from IC card (400). When decoder judges decoding impossibility, a decoding request is sent to a comparator (10) via internet (200). Decoded information of

sales and purchase money from the comparator is then compared in a comparator (130), to check if both are in accord.
DESCRIPTION - An INDEPENDENT CLAIM is also included for data comparison program stored in recording medium.
USE - For comparing encrypted sales and purchase money in IC card processing system connected to internet, in stores.
ADVANTAGE - Enables judging correctness in dealing action by comparing sales money and purchase money. Enables dealing with several encryption key or encryption algorithm using simple technique.

9/5/3 (Item 3 from file: 350) Links
Derwent WPIX

0009955272 & & *Drawing available*
WPI Acc no: 2000-257134/200022
XRPX Acc No: N2000-191133
Elliptic curve selection method for cryptographic system used in low memory device e.g. smart card
Patent Assignee: CITIBANK NA (CITI-N)
Inventor: CSIRIK J A

Patent Family (4 patents, 84 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
WO 2000014924	A1	20000316	WO 1999US20411	A	19990907	200022	B
AU 199962438	A	20000327	AU 199962438	A	19990907	200032	E
EP 1112637	A1	20010704	EP 1999949599	A	19990907	200138	E
			WO 1999US20411	A	19990907		
JP 2002524778	W	20020806	WO 1999US20411	A	19990907	200266	E
			JP 2000569548	A	19990907		

Alerting Abstract WO A1
NOVELTY - An Eigen value is obtained from one of the kernel polynomials that are set based on the searched roots modulo of the obtained modular polynomials. Number of points of one of the candidate elliptic values is obtained from the predetermined field using a value obtained based on the Eigen value and prime number. A candidate elliptic value is selected when the candidate elliptic value is secured sufficiently.
DESCRIPTION - The method involves selecting a prime number defining a predetermined field from which a set of candidate elliptic curves is selected. A set of modular polynomials modulo is searched from the list of candidate auxiliary primes by calculating a predetermined characteristic using the stored polynomial. INDEPENDENT CLAIMS are also included for the following:

- a message encryption procedure;
- and a portable information encoding device.

USE - For cryptographic system used in low memory device e.g. smart card. Applicable for message encryption.
ADVANTAGE - Enables low memory device utilized by the user, to independently verify the sufficiency of the security of its selected elliptic curve of cryptographic system. Offers cryptographic system which is not vulnerable to attack or influence on centrally selected elliptic curve and finite field.

Prevents central facility from influencing selection of cryptographic parameters.

9/5/4 (Item 4 from file: 350) Links
Derwent WPIX

0009911913 & & *Drawing available*
WPI Acc no: 2000-211432/200019
XRPX Acc No: N2000-158229
Security level setting discrimination method in IC card service utilization system, involves comparing individual authentication confirmation information stored in IC card of user with that stored previously
Patent Assignee: NIPPON TELEGRAPH & TELEPHONE CORP (NITE)
Inventor: ISOMURA Y; KATO K; TANAKA K; TATEMICHI H

Patent Family (1 patents, 1 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
JP 11338985	A	19991210	JP 1998144885	A	19980526	200019	B

Alerting Abstract JP A
NOVELTY - An individual authentication information is established already with respect to contents of a service. The stored authentication information is compared with the information recorded on an input IC card to grant access to a secured service area or operation.
USE - In IC card service utilization system.
ADVANTAGE - Enables to discriminate security level based on contents of service. DESCRIPTION OF DRAWING(S) - The figure shows block diagram of IC card.

9/5/5 (Item 5 from file: 350) Links
Derwent WPIX

0009656569 & & *Drawing available*
WPI Acc no: 1999-609396/199952
XRPX Acc No: N1999-448846
Power distribution controlling method for personal computer
Patent Assignee: COMPAQ COMPUTER CORP (COPQ)
Inventor: ANGELO M F

Patent Family (1 patents, 1 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 5960084	A	19990928	US 1996766720	A	19961213	199952	B

9/5/6 (Item 6 from file: 350) Links
Derwent WPIX

0009628422 & & *Drawing available*
WPI Acc no: 1999-579346/199949
XRPX Acc No: N1999-427668
Power supply control method using password, external encryption algorithm for permitting access to secured computer network resources
Patent Assignee: COMPAQ COMPUTER CORP (COPQ)
Inventor: ANGELO M F

Patent Family (1 patents, 1 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 5949882	A	19990907	US 1996766721	A	19961213	199949	B

9/5/7 (Item 7 from file: 350) Links
Derwent WPIX

0009601086 & & *Drawing available*
WPI Acc no: 1999-550039/199946
XRPX Acc No: N1999-406926
Network authentication procedure using smart token in electronic transaction system
Patent Assignee: ENTEGRITY SOLUTIONS CORP (ENTE-N)
Inventor: MUFTIC S

Patent Family (1 patents, 1 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 5943423	A	19990824	US 1995573033	A	19951215	199946	B

Alerting Abstract US A
NOVELTY - The ID of network, public key certificate of target resource and a signed copy of user random number are received from the network in response to the transmitted login identification. The new random number generated by network is signed using the public key and forwarded to network after verifying the signed copy of user random number.
DESCRIPTION - An application domain of smart token used for accessing a network is opened. The password read from the application domain is converted to electronic password by encryption. A public key certificate stored on the smart token together with user ID and random number is transmitted to network for which access is desired.
USE - In electronic transaction system such as automatic teller machine (ATM) in banks.
ADVANTAGE - Integrates information multiple domains and makes them accessible on a common smart token. Enables to use smart cards with integrated circuit chips or PCMCIA cards as smart tokens. Enables secure financial and other electronic transactions over a publicity accessible network.

9/5/8 (Item 8 from file: 350) Links
Derwent WPIX

0009507620 & & *Drawing available*
WPI Acc no: 1999-450755/199938
XRPX Acc No: N1999-337236
Encryption type communication procedure employing disclosure key system for electronic voting system for public games - involves decoding encryption transmitting data using host secret key, and encryption vote data using card public presentation key
Patent Assignee: NTT DATA TSUSHIN KK (NITE)
Inventor: IEGI T; OZAWA R

Patent Family (2 patents, 1 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
JP 11187015	A	19990709	JP 1997350491	A	19971219	199938	B
JP 3534599	B2	20040607	JP 1997350491	A	19971219	200437	E

Alerting Abstract JP A

NOVELTY - The central host (30) decodes the encryption transmitting data using a host secret key and decodes the encryption vote data using a card public presentation key. When the decoding result and the encryption data are in accord, then the voting data is authenticated to be authorized data. DETAILED DESCRIPTION - When a vote machine (20) issues an IC card (10) to central host (30), card ID and card public presentation key are notified. During voting, vote data group in the IC card is encrypted, and is enciphered using card secret key, after which encryption transmitting data is generated. The generated data is sent to the central host through the voting machine. An INDEPENDENT CLAIM is also included for IC card.

USE - For electronic voting system for public games such as horse race, bicycle race and motor boat race. ADVANTAGE - Enables highly precise and accurate judging of authorization of voter. Offers efficient electronic voting system which prevents data alteration, reliably. DESCRIPTION OF DRAWING(S) - The figure shows block diagram of electronic voting system. (10) IC card; (20) Voting machine; (30) Central host.

9/5/9 (Item 9 from file: 350) Links

0009052331 & & *Drawing available*

WPI Acc no: 1998-610557/199851

XRPX Acc No: N1998-474877

Secure processing method for cryptographic keys - using secure processing mode to process cryptographic key provided on token, and associated secure memory which is transparent to operating system

Patent Assignee: PHAN Q (PHAN-I); PHOENIX TECHNOLOGIES LTD (PHOE-N); VU S T (VUST-I)

Inventor: PHAN Q; VU S T

Patent Family (9 patents, 21 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
WO 1998050842	A1	19981112	WO 1998US8374	A	19980429	199851	B
EP 979442	A1	20000216	EP 1998922056	A	19980429	200014	E
			WO 1998US8374	A	19980429		
JP 2000516373	W	20001205	JP 1998548145	A	19980429	200067	E
			WO 1998US8374	A	19980429		
TW 406233	A	20000921	TW 1998106503	A	19980428	200127	E
US 20010008015	A1	20010712	US 1997848963	A	19970502	200143	E
US 6557104	B2	20030429	US 1997848963	A	19970502	200331	E
EP 979442	B1	20031105	EP 1998922056	A	19980429	200377	E
			WO 1998US8374	A	19980429		
DE 69819485	E	20031211	DE 69819485	A	19980429	200405	E
			EP 1998922056	A	19980429		
			WO 1998US8374	A	19980429		
JP 3689431	B2	20050831	JP 1998548145	A	19980429	200558	E
			WO 1998US8374	A	19980429		

Alerting Abstract WO A1

The method for secure processing of cryptographic keys involves using a secure processor mode and an associated secure memory. A processor is initialized into a secure processing mode which cannot be interrupted by other interrupts.

The associated secure memory cannot be accessed by any other processes, when the processor is not in secure processing mode. During run-time, when the processor enters the secure processing mode, the operating system is suspended.
USE - Secure storage and processing of cryptographic keys for computer security, e.g. symmetric key system, or private key used in Public Key Cryptography System.

9/5/10 (Item 10 from file: 350) Links
Derwent WPIX

0008771082 & & *Drawing available*
WPI Acc no: 1998-314669/199828
XRPX Acc No: N1998-246688
Computer system password securely generating - providing user password to cryptographic algorithm stored in token and encrypting user password with cryptographic algorithm and encryption key
Patent Assignee: COMPAQ COMPUTER CORP (COPQ)
Inventor: ANGELO M F

Patent Family (6 patents, 28 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
EP 848315	A2	19980617	EP 1997309424	A	19971121	199828	B
CN 1195818	A	19981014	CN 1997108794	A	19971215	199909	E
SG 55422	A1	19981221	SG 19974147	A	19971126	199929	E
TW 382681	A	20000221	TW 1997117794	A	19971126	200050	E
US 6400823	B1	20020604	US 1996766267	A	19961213	200242	E
CN 1153147	C	20040609	CN 1997108794	A	19971215	200612	E

Alerting Abstract EP A2
The method involves providing a password to the computer system communicatively coupling the external token to the computer system. The user password is provided to the cryptographic algorithm stored in the token and encrypting the user password with the cryptographic algorithm and the encryption key to produce a system password. The system password is compared with a stored system password value.
The user password to the computer system is provided while the computer system is in a secure period of operation. The latter includes a secure power-up procedure. The user password is encrypted using the cryptographic algorithm and the encryption key occurs in the token from which the token is communicated to the computer system.
USE - For generating system password derived from external encryption algorithm during secure power-on procedure.
ADVANTAGE - Provides secure two-piece password for user verification for verifying integrity of system files prior to execution.

9/5/11 (Item 11 from file: 350) Links
Derwent WPIX

0008720689
WPI Acc no: 1998-261728/199823
XRPX Acc No: N1998-206275
Data integrity faulty managing method for re-writable memory - by attributing to at least one secondary datum default value imposing on-line exchange during next operation, if integrity

control of secondary datum reveals faulty integrity
Patent Assignee: SCHLUMBERGER IND SA (SLMB); SCHLUMBERGER SYSTEMES (SLMB)
Inventor: FRANCHI O; GAMBIN J; GAMBIN J M; GERBAULT E

Patent Family (6 patents, 21 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
WO 1998018108	A1	19980430	WO 1997FR1842	A	19971015	199823	B
FR 2754926	A1	19980424	FR 199613024	A	19961023	199823	E
EP 943135	A1	19990922	EP 1997910487	A	19971015	199943	E
			WO 1997FR1842	A	19971015		
EP 943135	B1	20011017	EP 1997910487	A	19971015	200169	E
			WO 1997FR1842	A	19971015		
US 6324661	B1	20011127	WO 1997FR1842	A	19971015	200175	E
			US 1999284716	A	19990419		
DE 69707498	E	20011122	DE 69707498	A	19971015	200201	E
			EP 1997910487	A	19971015		
			WO 1997FR1842	A	19971015		

Alerting Abstract WO A1
The method involves defining so-called main data with faulty integrity representative of a malfunctioning of the memory, and so-called secondary data with faulty integrity representative either of a malfunctioning of the memory or of a breakdown in the power supply of the component. Integrity control for at least one datum is carried-out, with each operation.
The operation is stopped, in the event of faulty integrity of at least one main datum. A default value imposing an on-line exchange during the next operation, is attributed to at least one secondary datum if integrity control of a secondary datum reveals faulty integrity.

9/5/12 (Item 12 from file: 350) Links
Derwent WPIX

0008451619 & & *Drawing available*
WPI Acc no: 1997-213143/199719
XRPX Acc No: N1997-175760
Electronic module for secure transactions, digital signatures & money transfers - I/O circuitry & maths coprocessor are coupled to DP circuit, microprocessor to I/O circuitry, memory circuitry to microprocessor, module is programmable to provide secure, encrypted data transfers between module & DP circuitry
Patent Assignee: DALLAS SEMICONDUCTOR CORP (DALL-N)
Inventor: CURRY S M; FOX C W; LOOMIS D W
Alerting Abstract WO A2
The module includes input and output circuitry for communicating with a data processing circuit. Maths coprocessor circuitry is electrically connected to this circuitry. Microprocessor circuitry is electrically connected to the I/O circuitry.
Memory circuitry (22) is electrically connected to the microprocessor (12 & 18) circuitry. The electronic module is programmable to provide secure, encrypted data transfers between the electronic module and the data processing circuit. The data processing circuit is another electronic module. A one wire interface (32) is connected to the I/O circuitry.
ADVANTAGE - Module is capable of time stamping and storing in memory information about

transaction for later review.

9/5/13 (Item 13 from file: 350) Links

0008445904 & & *Drawing available*
WPI Acc no: 1997-109118/199710
XRPX Acc No: N1997-090241
Value transfer system for use with smart cards - loads cards with two schemes from series of cryptographically secured message protocols and uses oldest common scheme when transferring data
Patent Assignee: MONDEX INT LTD (MOND-N); NAT WESTMINSTER BANK PLC (WEST)
Inventor: EVERETT D; EVERETT D B; VINER J; VINER J C

Patent Family (28 patents, 71 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
WO 1997002548	A1	19970123	WO 1996GB1564	A	19960628	199710	B
ZA 199605544	A	19970326	ZA 19965544	A	19960628	199718	E
AU 199663105	A	19970205	AU 199663105	A	19960628	199721	E
GB 2317733	A	19980401	WO 1996GB1564	A	19960628	199815	E
			GB 199725872	A	19971205		
EP 836731	A1	19980422	EP 1996922117	A	19960628	199820	E
			WO 1996GB1564	A	19960628		
NO 199706105	A	19980227	WO 1996GB1564	A	19960628	199820	E
			NO 19976105	A	19971229		
GB 2317733	B	19980805	WO 1996GB1564	A	19960628	199833	E
			GB 199725872	A	19971205		
CZ 199704043	A3	19980812	WO 1996GB1564	A	19960628	199839	E
			CZ 19974043	A	19960628		
NZ 311729	A	19981028	NZ 311729	A	19960628	199901	E
			WO 1996GB1564	A	19960628		
AU 697861	B	19981022	AU 199663105	A	19960628	199903	E
CN 1194050	A	19980923	CN 1996196495	A	19960628	199906	E
EP 836731	B1	19990331	EP 1996922117	A	19960628	199917	E
			WO 1996GB1564	A	19960628		
HU 199802765	A2	19990329	WO 1996GB1564	A	19960628	199921	E
			HU 19982765	A	19960628		
DE 69601941	E	19990506	DE 69601941	A	19960628	199924	E
			EP 1996922117	A	19960628		
			WO 1996GB1564	A	19960628		
ES 2129270	T3	19990601	EP 1996922117	A	19960628	199928	E
JP 11508711	W	19990727	WO 1996GB1564	A	19960628	199940	E
			JP 1997504911	A	19960628		
MX 199710209	A1	19980301	MX 199710209	A	19971216	200002	E
BR 199609640	A	20000118	BR 19969640	A	19960628	200021	E
			WO 1996GB1564	A	19960628		
KR 1999028615	A	19990415	WO 1996GB1564	A	19960628	200027	E
			KR 1997709937	A	19971230		

SK 199701791	A3	20000313	WO 1996GB1564	A	19960628	200032	E
			SK 19971791	A	19960628		
TW 395108	A	20000621	TW 1996108419	A	19960711	200109	E
US 6366894	B1	20020402	WO 1996GB1564	A	19960628	200226	E
			US 1998973708	A	19980223		
KR 294613	B	20010807	WO 1996GB1564	A	19960628	200227	E
			KR 1997709937	A	19971230		
CA 2225936	C	20020423	CA 2225936	A	19960628	200231	E
			WO 1996GB1564	A	19960628		
MX 202225	B	20010607	MX 199710209	A	19971216	200235	E
NO 317406	B1	20041025	WO 1996GB1564	A	19960628	200470	E
			NO 19976105	A	19971229		
JP 3617054	B2	20050202	WO 1996GB1564	A	19960628	200511	E
			JP 1997504911	A	19960628		
CN 1095150	C	20021127	CN 1996196495	A	19960628	200528	E

Alerting Abstract WO A1

The value transfer system includes several electronic programmed microprocessor application carrier devices (ACDs). Each of these has an electronic purse with a value store. The carrier devices can be coupled together in pairs so as to couple the purses and allow values to be exchanged by use of secured messages.

Each purse is programmed with two of a series of cryptographic security schemes. The older common security scheme is used by the purses and is then inhibited as superceded. Each purse has a memory region which stores an identifier for a security scheme being used.

USE - For electronic cash transactions such as receiving money from bank, exchanging cash in off-line transaction, or for retailers.

ADVANTAGE - Improved security due to time limit being applied to codes. Changes codes used as necessary.

9/5/14 (Item 14 from file: 350) Links

0008338066 & & *Drawing available*

WPI Acc no: 1997-451003/199742

XRPX Acc No: N1997-375735

Secure modification of data in smart card, such as program data - giving INIT command with first authentication value and code based on command and value, producing TRAN with transfer data and subsequent code based on command and subsequent value, and transferring commands with codes to card

Patent Assignee: KONINK KPN NV (NEPO); KONINK PTT NEDERLAND NV (NEPO)

Inventor: DRUPSTEEN M M P; MULLER F

Patent Family (12 patents, 34 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
EP 795844	A1	19970917	EP 1996200658	A	19960311	199742	B
WO 1997034266	A1	19970918	WO 1997EP1175	A	19970307	199743	E
AU 199721540	A	19971001	AU 199721540	A	19970307	199805	E
US 5856659	A	19990105	US 1997814479	A	19970310	199909	E

JP 11506240	W	19990602	JP 1997532267	A	19970307	199932	E
			WO 1997EP1175	A	19970307		
BR 199708017	A	19990727	BR 19978017	A	19970307	199941	E
			WO 1997EP1175	A	19970307		
NZ 331257	A	19991028	NZ 331257	A	19970307	199953	E
			WO 1997EP1175	A	19970307		
AU 711427	B	19991014	AU 199721540	A	19970307	200001	E
EP 960403	A1	19991201	EP 1997914203	A	19970307	200001	E
			WO 1997EP1175	A	19970307		
KR 1999087701	A	19991227	WO 1997EP1175	A	19970307	200059	E
			KR 1998707168	A	19980911		
EP 960403	B1	20021106	EP 1997914203	A	19970307	200281	E
			WO 1997EP1175	A	19970307		
DE 69716955	E	20021212	DE 69716955	A	19970307	200306	E
			EP 1997914203	A	19970307		
			WO 1997EP1175	A	19970307		

Alerting Abstract EP A1

The method produces an initiation command (INIT) with a first authentication value (R0) and a first authentication code (MAC0) based on the command and the first value. A transfer command (TRAN) is produced with data to be transferred, a subsequent authentication code (MAC1, MAC2) based on the command and subsequent value derived from the first value.

The commands are transferred with the codes to the smart card. The commands in the smart card are authenticated by checking the authentication codes and checking the subsequent authentication values derived from the first value. The transferred data is stored in the card.

USE - Securely modifies data on smart card and loads it or deletes it to or from card, and creates and deletes data structures on smart card.

ADVANTAGE - Can be achieved in environments where so called challenge signed response authentications are not possible. Enables secure transfer of data and includes double protection mechanism.

9/5/15 (Item 15 from file: 350) Links

Derwent WPIX

0007903978 & & *Drawing available*

WPI Acc no: 1996-342963/199635

Related WPI Acc No: 1996-301645; 1996-342962

XRPX Acc No: N1996-288698

Exchange of cryptographic codes between terminal and network server - using exponential key exchange and random numbers to calculate and assure actuality of session key word at both sides without transmitting session key word between stations

Patent Assignee: SIEMENS AG (SIEI)

Inventor: HORN G; KESSLER V; MUELLER K

Patent Family (10 patents, 20 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
DE 19518546	C1	19960801	DE 19518546	A	19950519	199635	B
WO 1996037064	A1	19961121	WO 1996DE835	A	19960513	199701	E
EP 872076	A1	19981021	EP 1996919532	A	19960513	199846	E

			WO 1996DE835	A	19960513		
JP 11505384	W	19990518	JP 1996534453	A	19960513	199930	E
			WO 1996DE835	A	19960513		
CN 1186579	A	19980701	CN 1996194013	A	19960513	200266	E
EP 872076	B1	20030326	EP 1996919532	A	19960513	200323	E
			WO 1996DE835	A	19960513		
US 6526509	B1	20030225	WO 1996DE835	A	19960513	200323	E
			US 1997952155	A	19971110		
DE 59610282	G	20030430	DE 59610282	A	19960513	200330	E
			EP 1996919532	A	19960513		
			WO 1996DE835	A	19960513		
ES 2196156	T3	20031216	EP 1996919532	A	19960513	200413	E
CN 1104118	C	20030326	CN 1996194013	A	19960513	200537	E

Alerting Abstract DE C1

The method comprises the steps of forming a first value (gt) in a user terminal (U) based on a random number, and transmitting that value in a first message (M1) to a network server. A session key word (K) is formed in the server based on a hash function (h1) on the exponential value formed on the first value and a secret network key (s). The server sends an answer (A) in a second message (M2) to the user terminal. A session key word (K) is formed in the user terminal, based on a hash function on an exponential value formed on a public network key (gs) and the first random number.

The formed session key word is checked against the answer (A) of the server, and is input to a second hash function (h2) which supplies an input to a signature forming function (SigU). The resulting signature term and a identity value (IMUI) of the user terminal is transmitted to the server in a third message (M3), and validated to enable a session.

USE/ADVANTAGE - Data security, e.g. in mobile telecommunications, chip-cards. Reduces length of necessary messages while improving security of codes.

9/5/16 (Item 16 from file: 350) Links

0007751342 & & *Drawing available*

WPI Acc no: 1996-376036/199638

Related WPI Acc No: 1996-274340

XRPX Acc No: N1996-316638

Electronic wallet appts. e.g. point of sales system - has controller which automatically releases integrated circuit card once wrong information is input to input circuit or transaction has been completed

Patent Assignee: HITACHI LTD (HITA)

Inventor: ITO S; ITOH S; KANEHIRA A; MATSUMOTO K; NAKANO M

Patent Family (6 patents, 4 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
JP 8180154	A	19960712	JP 1994317944	A	19941221	199638	B
EP 803830	A1	19971029	EP 1996106660	A	19960426	199748	NCE
KR 1997076305	A	19971212	KR 199614099	A	19960501	199849	NCE
KR 240521	B1	20000115	KR 199614099	A	19960501	200116	NCE
EP 803830	B1	20040317	EP 1996106660	A	19960426	200421	NCE

DE 69631877	E	20040422	DE 69631877	A	19960426	200434	NCE
			EP 1996106660	A	19960426		

Alerting Abstract JP A

The appts. has a read/write circuit (1) which reads and writes information to an integrated circuit card (2) inserted in its opening. A mounting controller (18) regulates the mounting and release operation of the IC card inside the read/write circuit.

The identification number of the card owner is input at an input circuit (13) when an operation is requested. The mounting controller automatically releases the card once an incorrect information is input or transaction has been completed.

ADVANTAGE - Provides safety and security to card owner and prevents illegal use of card.

9/5/17 (Item 17 from file: 350) Links

Derwent WPIX

0007378182

WPI Acc no: 1995-263983/199534

XRPX Acc No: N1995-202917

Secure non-volatile flash memory card for use with host palm-top portable personal computer - has microprocessor which transmits and receives address, data and control information and addressable non volatile memory which has security section

Patent Assignee: BULL CP8 (SELA); BULL HN INFORMATION SYSTEMS ITAL SPA (HONE); CP8 TRANSAC (SELA)

Inventor: HOLTEY T O

Alerting Abstract WO A1

The card includes a microprocessor on a single semiconductor chip which interconnects through an internal bus to a number of non-volatile addressable memory chips (103a,103b...103n). The microprocessor includes an addressable non volatile memory for storing a number of key values. Each chip's memory (54) is organised into a number of blocks, each block including a number of rows of byte locations.

Each row includes a lock bit location, the total number of which provide storage for a lock value. Each memory chip is constructed to include security control logic circuits (30) arranged to perform a predetermined key validation operation by comparing key values against the bit contents of lock bit locations during an authentication procedure with a host computer.

ADVANTAGE - Has key lengths of up to 8 kilo-bits which protects system against guessing of password. Requires less circuitry making it easier to construct and less costly.

9/5/18 (Item 18 from file: 350) Links

Derwent WPIX

0007009729

WPI Acc no: 1995-023079/199503

XRPX Acc No: N1995-017876

Remote alteration method for token value stored in smart card - using local private terminal to establish link between card and remote terminal for passing secure authentication and transaction messages

Patent Assignee: HEWLETT-PACKARD CO (HEWP); VERIFONE INC (VERI-N)

Inventor: NAKAMURA L S; ROBERTS A B; SHEETS J F

Patent Family (11 patents, 53 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type

WO 1994028498	A1	19941208	WO 1994US6031	A	19940602	199503	B
AU 199469600	A	19941220	AU 199469600	A	19940602	199512	E
			WO 1994US6031	A	19940602		
EP 701718	A1	19960320	EP 1994918158	A	19940602	199616	E
			WO 1994US6031	A	19940602		
JP 9500743	W	19970121	WO 1994US6031	A	19940602	199713	E
			JP 1995500997	A	19940602		
AU 675550	B	19970206	AU 199469600	A	19940602	199714	E
CN 1127045	A	19960717	CN 1994192780	A	19940602	199749	E
US 5917168	A	19990629	US 199371283	A	19930602	199932	E
			WO 1994US6031	A	19940602		
			US 1996578718	A	19960418		
BR 199406733	A	20000425	BR 19946733	A	19940602	200033	E
			WO 1994US6031	A	19940602		
CA 2163365	C	20040420	CA 2163365	A	19940602	200428	E
			WO 1994US6031	A	19940602		
JP 3542603	B2	20040714	WO 1994US6031	A	19940602	200446	E
			JP 1995500997	A	19940602		
CN 1096648	C	20021218	CN 1994192780	A	19940602	200528	E

Alerting Abstract WO A1

The method involves establishing a card data link to a data communication interface in the smart card. A card holder data security message is communicated to the card via the link to enable card security programs to produce secure card holder identification data.

A data link to an operatively compatible terminal at a remote location is established and secure transaction messages are communicated between the card and the terminal via the card data link and terminal data link. The messages include token change vector data from the card holder to enable the card and the terminal to perform mutual authentication functions and execute a secure token value change transaction.

ADVANTAGE - Allows use of simple, low cost private terminal, which is not dedicated to particular card holder, since card and remote terminal compare all secure messages and handle programmed transaction activity. Reduces risk of fraud, since private terminal is incapable of interacting with card for transaction activities.

9/5/19 (Item 19 from file: 350) Links

Derwent WPIX

0005787735 & & *Drawing available*

WPI Acc no: 1992-009998/199202

XRPX Acc No: N1992-007686

Processing system for despatch of parcels - uses central computer accepting instructions and current data from smart card to handle organisation, documentation and franking

Patent Assignee: ALCATEL SATMAM (ALCA-N); NEOPOST IND (NEOP-N)

Inventor: VANPOUCKE J

9/5/20 (Item 20 from file: 350) Links

Derwent WPIX

0005764110 & & *Drawing available*
WPI Acc no: 1991-066342/199110
XRPX Acc No: N1991-051334
Encoding and availability limiter method for control system chip cards - using encoding process during first operation of card and system enabling subsequent copying
Patent Assignee: KLOECKNER-MOELLER ELEKTRIZIT (KLOM); KLOECKNER-MOELLER GMBH (KLOM)
Inventor: WRATIL P

Patent Family (8 patents, 14 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
DE 3928107	A	19910228	DE 3928107	A	19890825	199110	B
WO 1991003028	A	19910307	WO 1990EP1391	A	19900822	199112	E
EP 489091	A1	19920610	EP 1990913138	A	19900822	199224	E
			WO 1990EP1391	A	19900822		
JP 4505064	W	19920903	JP 1990512141	A	19900822	199242	E
			WO 1990EP1391	A	19900822		
US 5298724	A	19940329	WO 1990EP1391	A	19900822	199412	E
			US 1992841582	A	19920225		
EP 489091	B1	19940504	EP 1990913138	A	19900822	199418	E
			WO 1990EP1391	A	19900822		
DE 59005646	G	19940609	DE 59005646	A	19900822	199424	E
			EP 1990913138	A	19900822		
			WO 1990EP1391	A	19900822		
ES 2056478	T3	19941001	EP 1990913138	A	19900822	199440	E

Alerting Abstract DE A
The method of encoding and availability limiting of chip cards used as memory media in memory programmable control systems involves contacting a card in a holder for data exchanges with the control system.
During the first operation of a control system and card an encoding process, possible only with the mother card encoded for the system, specifies the card for the system. Uncoded cards cannot be copied. Coded ones can be copied as often as required.
USE/ADVANTAGE - Chip card can only be used with system for which it is coded but can be copied in case of failure. @(5pp Dwg.No.1/1)@

9/5/21 (Item 21 from file: 350) Links
Derwent WPIX

0005754087 & & *Drawing available*
WPI Acc no: 1991-369304/199150
Related WPI Acc No: 1993-352017; 1994-303370; 1996-117097
XRPX Acc No: N1991-282654
Electronic key locking security system - uses key body containing logic and power circuits with key blade cut to operate pin tumblers
Patent Assignee: MEDECO SECURITY LOCKS (MEDE-N)
Inventor: HALL C E; HYATT R G

Patent Family (8 patents, 15 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
WO 1991018169	A	19911128	WO 1991US3259	A	19910508	199150	B
US 5140317	A	19920818	US 1990522017	A	19900511	199236	E
EP 527886	A1	19930224	EP 1991909568	A	19910508	199308	E
			WO 1991US3259	A	19910508		
JP 5506898	W	19931007	JP 1991509427	A	19910508	199345	E
			WO 1991US3259	A	19910508		
EP 527886	A4	19930929	WO 1991CH111	A	19910510	199527	E
CA 2082649	C	19970415	CA 2082649	A	19910508	199728	E
EP 527886	B1	19981111	EP 1991909568	A	19910508	199849	E
			WO 1991US3259	A	19910508		
DE 69130477	E	19981217	DE 69130477	A	19910508	199905	E
			EP 1991909568	A	19910508		
			WO 1991US3259	A	19910508		

9/5/22 (Item 22 from file: 350) Links
Derwent WPIX

0005537703 & & *Drawing available*
WPI Acc no: 1991-141970/199120
XRPX Acc No: N1991-109287
Security system without database support - using smart card communicating with host computer to interchange ID numbers, challenges and responses to determine validity
Patent Assignee: AMERICAN TELEPHONE & TELEGRAPH CO (AMTT); AT & T BELL LAB (AMTT); AT & T CORP (AMTT)
Inventor: CLAUS D M; COUTINHO R S; MURPHY K D; SNAVLEY J D; ZEMPOL K R

Patent Family (6 patents, 5 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
EP 427465	A	19910515	EP 1990312005	A	19901101	199120	B
CA 2023872	A	19910510				199129	E
US 5120939	A	19920609	US 1989433821	A	19891109	199226	E
EP 427465	B1	19950201	EP 1990312005	A	19901101	199509	E
DE 69016589	E	19950316	DE 69016589	A	19901101	199516	E
			EP 1990312005	A	19901101		
CA 2023872	C	19950404	CA 2023872	A	19900823	199521	E

Alerting Abstract EP A
A security system includes a portable smart card (500), a host computer (600) and a means of inputting (100) a password to the smart card or computer. Given a valid password, the smart card sends an identification number to the computer which checks its feasibility and converts it to a secret code (Sn). A random challenge number is sent to the smart card which produces a response (Rn) through the challenge number, the secret code (Sn) and an encryption algorithm. The host also generates a response. If the two responses are the same, access is granted.
ADVANTAGE - Requires no database to check codes, interchanges no information useful to an eavesdropper and uses unique coding.

9/5/23 (Item 23 from file: 350) Links
Derwent WPIX

0005068294 & & *Drawing available*
WPI Acc no: 1990-051827/199007
Communication equipment between e.g. IC card and terminal - enciphers signals in both directions and algorithm of random numbers or function computations never decoded
Patent Assignee: MATSUSHITA ELEC IND CO LTD (MATU)
Inventor: ITO M; ITOH M; TAKAGI N; TAKAGI S

Patent Family (8 patents, 11 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
WO 1990000781	A	19900125	WO 1989JP706	A	19890713	199007	B
JP 2023495	A	19900125	JP 1988174521	A	19880713	199010	E
			JP 1988182328	A	19880721		
			JP 1988194988	A	19880804		
			JP 1988196544	A	19880805		
EP 403656	A	19901227	EP 1989908247	A	19890713	199101	E
US 5109152	A	19920428	US 1990465210	A	19900308	199220	E
KR 199400297	B1	19940114	WO 1989JP706	A	19890713	199445	E
			KR 1990700534	A	19900313		
EP 403656	A4	19911009	JP 1988169525	A	19880707	199519	E
EP 403656	B1	19950524	EP 1989908247	A	19890713	199525	E
			WO 1989JP706	A	19890713		
DE 68922847	E	19950629	DE 68922847	A	19890713	199531	E
			EP 1989908247	A	19890713		
			WO 1989JP706	A	19890713		

9/5/24 (Item 24 from file: 350) Links
Derwent WPIX

0004700495 & & *Drawing available*
WPI Acc no: 1989-062682/198909
Terminal station for transaction system - has slots for smart card for public key algorithm and encryption-decryption processing elements
Patent Assignee: PHILIPS GLOEILAMPENFAB NV (PHIG)
Inventor: SIPMAN W; SIPMAN W H M; SNEL L; SNELL L

Patent Family (8 patents, 9 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
EP 305004	A	19890301	EP 1988201783	A	19880822	198909	B
NL 198702012	A	19890316	NL 19872012	A	19870828	198915	E
JP 1070868	A	19890316	JP 1988209597	A	19880825	198917	E
US 4962531	A	19901009	US 1988237342	A	19880826	199043	E
EP 305004	B1	19931229	EP 1988201783	A	19880822	199401	E
DE 3886623	G	19940210	DE 3886623	A	19880822	199407	E
			EP 1988201783	A	19880822		
ES 2048754	T3	19940401	EP 1988201783	A	19880822	199417	E
KR 199705640	B1	19970418	KR 198810806	A	19880825	199939	E

Alerting Abstract EP A
The user ID(pay) card is input through a slot (102) in the housing of the terminal station. A slot (118) for a smart card/operator identification element) is adjacent a microswitch (120) or optical detector for detecting the presence of the card.
The smart card acts as a security box for the terminal station in order to perform a relevant encryption-decryption operation in association with a concentrator of the transaction system. The encryption-decryption uses the data processing elements in the smart card on the basis of key information for a public key algorithm provided in the smart card.
ADVANTAGE - Protected against abuse.

9/5/25 (Item 25 from file: 350) Links
Derwent WPIX

0003261484
WPI Acc no: 1985-020246/198504
Pocket banking terminal under control of authorised user - is initialised for personal use under separate controls by banks and retailer
Patent Assignee: ATALLA CORP (ATAL-N); TANDEM COMPUTERS INC (TAND)
Inventor: ATALLA M M; BESTOCK R R

Patent Family (4 patents, 6 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
EP 131906	A	19850123	EP 1984108150	A	19840711	198504	B
US 4536647	A	19850820	US 1983514011	A	19830715	198536	E
EP 131906	B	19911009	EP 1984108150	A	19840711	199141	E
DE 3485144	G	19911114				199147	E

Alerting Abstract EP A
Each pocket banking terminal (PST) includes conventional display and keyboard elements as well as a microprocessor and data encryption standard (DES) as the encoding/decoding circuitry, and segregated memory registers containing codes and data that are uniquely under control of banks, retailers and the individual user.
In this way, deposits to the PBT are handled under codes and conditions which are distinct from those under which withdrawals are handled. Uniquely encoded data transfer encrypting schemes are set up between the PBT and the bank using unsecured telephone lines with a high degree of immunity from unauthorised interception or manipulation of the transferred data.
USE/ADVANTAGE - Permits secured banking transaction such as deposits, withdrawals, and account-balance review by an individual at any location where a telephone or point-of-sale terminal is available.

Subject Search; patent literature; full text

Set Items Description
S1 8365 S (((ELECTRONIC OR E OR VIRTUAL OR COMPUTER? OR CYBER OR ONLINE OR ON()LINE)(3N)(BANKBOOK OR (BANC OR BANK)()BOOK OR PURSE)) OR ((USER OR USERS OR CHECKING OR BANK OR SAVINGS OR BANC OR DEPOSIT OR CREDIT()UNION OR (FINANCIAL OR DEBIT OR CREDIT)()(INSTITUTION OR INSTITUTIONS OR ENTITY OR ENTITIES))(4N)(ACCOUNT OR ACCOUNTS OR DEPOSIT OR DEPOSITS)) OR (EPURSE OR

EWALLET OR DIGIWALLET? ? OR DIGIPURSE? ? OR CYBERPURSE? ? OR CYBERWALLET? ? OR (IC OR SMART MEMORY OR MICROPROCESSOR OR INTEGRATED()CIRCUIT OR CHIP)()CARD? ? OR ICC OR (E OR ELECTRONIC OR DIGI OR DIGITAL OR CYBER OR VIRTUAL OR SMART)(2N)(CASH OR CARD? ? OR CURRENC? OR DOLLAR? OR MONEY OR MONIES OR PURSE? ? OR WALLET? OR BILLFOLD? ? OR POCKETBOOK? ? OR HANDBAG? ?)))(5N)((GREY()LOCK OR GREYLOCK OR SECURE OR SECURITY)()MARK? ? OR GREY()OPERATION? ? OR UNLOCK? OR LOCK? OR SECURE OR SECURITY OR ENCRYPT??? OR DECRYPT??? OR CIPHER? ? OR CYPER? ? OR IN()CODE OR ENC?PEHR?? OR DEC?PHER? OR CODED OR CODING OR LOCK? OR UNLOCK?)
S2 107195 S (SECURE? ? OR ENCRYPT??? OR (NON OR "NOT")()TAMPER? OR TAMPER()(PROOF OR RESISTAN??) OR SEALED OR CIPHER OR CYPHER OR LOCK??? OR RESTRICTED OR CONTROLLED OR PROTECT?? OR ENCOD??? OR ENC?PHER??? OR SAFE? ? OR IMPREGNABLE OR INVIOLABLE)(3W)(ACT OR ACTS OR ACTION OR ACTIONS OR ACTIVITY OR ACTIVITIES OR ATTEMPT OR ATTEMPTS OR BUY??? OR BUYOUT OR BUYOUTS OR BUY???()(OUT OR OUTS) OR DEAL OR DEALS OR DEALING OR DEALINGS OR EXCHANG??? OR MARKET()(EVENT OR EVENTS OR ACTIVITY OR ACTIVITIES) OR OPERATION OR OPERATIONS OR ORDER OR ORDERS OR PROCEDURE OR PROCEDURES OR PURCHAS??? OR SALE OR SALES OR SELL??? OR TRADE OR TRADES OR TRADING OR TRANSACTION OR TRANSACTIONS OR TRANSFER? OR VALUE(2N)TRANSFER?)
S3 924951 S (VERIFY??? OR VERIFI? OR VALIDAT? OR DETERMIN??? OR DETERMINATION OR CHECK??? OR CONFIRM??? OR CONFIRMATION OR AUTHENTICAT?) AND (RESET OR RESETTING OR RESETS OR RE()(SET OR SETS OR SETTING) OR ENABL??? OR REENABL? OR ACTIVAT??? OR REACTIVAT??? OR ENGAG??? OR REENGAG??? OR (TURN??? OR POWER??? OR SHUT? ? OR SHUTTING OR SWITCH???)()ON OR ENABL? OR REENABL? OR RESTART??? OR RE()START???)
S4 492 S S1(10N)S2
S5 117 S S4(10N)S3
S6 26 S S5 AND IC=G06F-017/60
S7 26 IDPAT (sorted in duplicate/non-duplicate order)
S8 26 IDPAT (primary/non-duplicate records only)
S9 6 S S8 NOT AD=19990901:20080901
S10 2 S (((ELECTRONIC OR E OR VIRTUAL OR COMPUTERI? OR CYBER OR ONLINE OR ON()LINE)(3N)(BANKBOOK OR (BANC OR BANK)()BOOK OR PURSE)) OR (EPURSE OR EWALLET OR DIGIWALLET? ? OR DIGIPURSE? ? OR CYBERPURSE? ? OR CYBERWALLET? ?) OR (IC OR SMART OR INTEGRATED()CIRCUIT OR E OR ELECTRONIC)()(CARD? ? OR PURSE) OR ICC) (3N)((GREY()LOCK OR GREYLOCK OR SECURE OR SECURITY)()MARK? ? OR GREY()OPERATION? ? OR GREYLOCK OR GREY()LOCK)
S11 1 S S10 NOT S9
; show files

[File 348] EUROPEAN PATENTS 1978-200834

[File 349] PCT FULLTEXT 1979-2008/UB=20080828|UT=20080821

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9/5/1 (Item 1 from file: 348) Links
EUROPEAN PATENTS

01930027
Secure transaction management

Verfahren und Vorrichtung zur gesicherten Transaktionsverwaltung
Procede et dispositif de gestion de transactions securisees
Patent Assignee:

- Intertrust Technologies Corp.; (2434323)
  955 Stewart Drive; Sunnyvale, CA 94085; (US)
  (Applicant designated States: all)

International Patent Class (V7): G06F-001/00; G06F-017/60Abstract EP 1555591 A2

A method of and apparatus for assembling software elements to form a component assembly (690) are described. A record (808) containing information identifying the software elements (1000, 1100, 1200, 1202, 690) to be assembled to form the component assembly is accessed. At least some of the software elements (1000, 1100) identified by the record comprise executable program code and at least one of the software elements is a load module (1100) comprising executable program code and a header (804) having an execution space identifier identifying which of a number of different security levels is required of a component assembly execution space. The software elements identified by the record are assembled to form a component assembly (690) that may, in use, be loaded and executed when the level of security of the component assembly execution space matches the level of security identified by the execution space identifier.

9/5/2 (Item 2 from file: 348) Links
EUROPEAN PATENTS

01869029
Systems and methods for secure transaction management and electronic rights protection
Systeme und Verfahren zur gesicherten Transaktionsverwaltung und elektronischem Rechtsschutz
Systemes et procedes de gestion de transactions securisees et de protection de droits electroniques
Patent Assignee:

- ELECTRONIC PUBLISHING RESOURCES, INC.; (976840)
  460 Oakmead Parkway; Sunnyvale, CA 94086-4708; (US)
  (Applicant designated States: all)

9/5/3 (Item 3 from file: 348) Links
EUROPEAN PATENTS

01796015
Mobile electronic commerce system
Mobiles elektronisches Handelssystem
Systeme de commerce electronique mobile
Patent Assignee:

- MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD; (216884)
  1006, Oaza-Kadoma; Kadoma-shi, Osaka 571-0000; (JP)
  (Applicant designated States: all)

Inventor:

- Takayama, Hisashi
  5-6-12-104 Matsubara; Setagaya-ku Tokyo 156-0043; (JP)

	Country	Number	Kind	Date	
Patent	EP	1467300	A1	20041013	(Basic)
Application	EP	2004015278		19980813	
Priorities	JP	97230564		19970813	

International Patent Class (V7): G06F-017/60; H04Q-007/32; G07F-007/08Abstract EP 1467300 A1

The objective of the present invention is to provide a mobile electronic commerce system that is superior in safety and usability. The mobile electronic commerce system comprises an electronic wallet 100, supply sides 101, 102, 103, 104 and 105, and a service providing means 110 that is connected by communication means. The service providing means installs a program for an electronic ticket, an electronic payment card, or an electronic telephone card. The electronic wallet employs the installed card to obtain a product or a service or entrance permission. The settlement process is performed by the electronic wallet and the supply side via the communication means, and data obtained during the settlement process are managed by being transmitted to the service providing means at a specific time. A negotiable card can be easily obtained, and when the negotiable card is used the settlement process can be quickly and precisely performed.

9/5/4 (Item 4 from file: 348) Links
EUROPEAN PATENTS

01272342
A METHOD FOR THE ACCOMPLISHMENT SECURE TRANSACTION FOR ELECTRONIC BANKBOOK (PURSE)
VERFAHREN ZUM AUSFUHREN SICHERER TRANSAKTIONEN IN EINEM ELEKTRONISCHEN SPARBUCH
PROCEDE DE REALISATION DE TRANSACTIONS SECURISEES SUR LIVRET BANCAIRE ELECTRONIQUE (TIRELIRE)
Patent Assignee:

* Li, Dongsheng; (3261320)
4/F, 26, 4th Street Chuangyezhong Road, Shangdi Information Industry Base, 100085 Beijing; (CN)
(Applicant designated States: all)

Inventor:

* Li, Dongsheng
4/F, 26, 4th Street Chuangyezhong Road, Shangdi Information Industry Base, 100085 Beijing; (CN)

	Country	Number	Kind	Date	
Patent	EP	1237112	A1	20020904	(Basic)
	WO	2001015024		20010301	
Application	EP	99939899		19990823	
	WO	99CN124		19990823	

EP 813173 A2; CN 1180439 A; CN 1183841 A; US 5773804 A; EP 735720 A; Abstract EP 1237112 A1

The invention discloses a method implementing secure transaction for electronic deposit, it is characterized that: a grey lock mark is merged into a electronic deposit and becomes one of electronic deposit attribute parameters; when locking a IC card i.e. setting a grey lock mark on a IC card, locking card source is recorded on the IC card at the same time; when debiting, judging the locking card source and combing debiting operation with unlocking operation into one step operation, i. e. after debiting

successfully, unlocking is automatically done. It solves illegal unlocking problem effectively and thoroughly, so electronic deposit consumption transaction is more secure and convenience.

9/5/5 (Item 5 from file: 348) Links
EUROPEAN PATENTS
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01030324
MOBILE ELECTRONIC COMMERCE SYSTEM
MOBILES ELEKTRONISCHES HANDELSSYSTEM
SYSTEME DE COMMERCE ELECTRONIQUE MOBILE
Patent Assignee:

- MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD; (216884)
  1006, Oaza-Kadoma; Kadoma-shi, Osaka 571-0000; (JP)
  (Applicant designated States: all)

	Country	Number	Kind	Date	
Patent	EP	950968	A1	19991020	(Basic)
	WO	9909502		19990225	
Application	EP	98937807		19980813	
	WO	98JP3608		19980813	
Priorities	JP	97230564		19970813	

International Patent Class (V7): G06F-017/60Abstract EP 950968 A1

The objective of the present invention is to provide a mobile electronic commerce system that is superior in safety and usability. The mobile electronic commerce system comprises an electronic wallet 100, supply sides 101, 102, 103, 104 and 105, and a service providing means 110 that is connected by communication means. The service providing means installs a program for an electronic ticket, an electronic payment card, or an electronic telephone card. The electronic wallet employs the installed card to obtain a product or a service or entrance permission. The settlement process is performed by the electronic wallet and the supply side via the communication means, and data obtained during the settlement process are managed by being transmitted to the service providing means at a specific time. A negotiable card can be easily obtained, and when the negotiable card is used the settlement process can be quickly and precisely performed.

9/5/6 (Item 6 from file: 348) Links
EUROPEAN PATENTS
(c) 2008 European Patent Office. All rights reserved.
00827960
TRUSTED AGENTS FOR OPEN DISTRIBUTION OF ELECTRONIC MONEY
TREUHANDVERMITTLER ZUR OFFENEN AUSGABE VON ELEKTRONISCHEM GELD
AGENT SECURISE POUR LA DISTRIBUTION OUVERTE D'ARGENT ELECTRONIQUE
Patent Assignee:

- CITIBANK, N.A.; (1570360)
  399 Park Avenue; New York, New York 10043; (US)
  (applicant designated states: AT;BE;CH;DE;DK;ES;FI;FR;GB;GR;IE;IT;LI;LU;MC;NL;PT;SE)

Inventor:

• ROSEN, Sholom, S.
Apartment 7A 10 West 86th Street; New York, NY 10024; (US)

	Country	Number	Kind	Date	
Patent	EP	830656	A1	19980325	(Basic)
	EP	830656	B1	19990428	
	WO	9641315		19961219	
Application	EP	96910330		19960311	
	WO	96US2569		19960311	
Priorities	US	488248		19950607	

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11/5/1 (Item 1 from file: 349) Links
PCT FULLTEXT
(c) 2008 WIPO/Thomson. All rights reserved.
00781890
A METHOD FOR THE ACCOMPLISHMENT SECURE TRANSACTION FOR ELECTRONIC BANKBOOK (PURSE)
PROCEDE DE REALISATION DE TRANSACTIONS SECURISEES SUR LIVRET BANCAIRE ELECTRONIQUE (TIRELIRE)
Patent Applicant/Inventor:

• LI Dongsheng
4/F, #26, 4th street Chuangyezhong Road, Shangdi Information Industry Base,, 100085 Beijing; CN; CN(Residence); CN(Nationality);

	Country	Number	Kind	Date
Patent	WO	2001150?4	A1	20010301
Application	WO	99CN124		19990823
Priorities	WO	99CN124		19990823

English Abstract:

The present invention related to a method for accomplishment secure transaction for electronic bankbook (purse), characterized by that a grey lock mark is incorporated into the electronic bankbook (purse) as one of its properties. While the grey lock mark is set in an IC card, the source of locking IC card is written in the IC card. During the operation to deduct the paid money from a sum of money, the step to confirm the source of the IC card is executed,and the operation to deduct the paid money from a sum of money and the operation to unlock IC card from the greylock are combined into one operation of IC card, namely, after the paid money is successfully deducted, the grey lock mark is automatically removed. The problem that the grey lock is illicitly removed is effectively solved, as a result, a consumption transaction process of the electronic bankbook (purse) is safer and easier.

Subject Search; non patent literature; abstracts/bibliographic

Set Items Description
S1 1941 S (((ELECTRONIC OR E OR VIRTUAL OR COMPUTERI? OR CYBER OR ONLINE OR ON()LINE)(3N)(BANKBOOK OR (BANC OR BANK)()BOOK OR PURSE)) OR ((USER OR

USERS OR CHECKING OR BANK OR SAVINGS OR BANC OR DEPOSIT OR CREDIT()UNION OR (FINANCIAL OR DEBIT OR CREDIT)()(INSTITUTION OR INSTITUTIONS OR ENTITY OR ENTITIES))(4N)(ACCOUNT OR ACCOUNTS OR DEPOSIT OR DEPOSITS)) OR (EPURSE OR EWALLET OR DIGIWALLET? ? OR DIGIPURSE? ? OR CYBERPURSE? ? OR CYBERWALLET? ? OR (IC OR SMART MEMORY OR MICROPROCESSOR OR INTEGRATED()CIRCUIT OR CHIP)()CARD? ? OR ICC OR (E OR ELECTRONIC OR DIGI OR DIGITAL OR CYBER OR VIRTUAL OR SMART)(2N)(CASH OR CARD? ? OR CURRENC? OR DOLLAR? OR MONEY OR MONIES OR PURSE? ? OR WALLET? OR BILLFOLD? ? OR POCKETBOOK? ? OR HANDBAG? ?)))(5N)((GREY()LOCK OR GREYLOCK OR SECURE OR SECURITY)()MARK? ? OR GREY()OPERATION? ? OR UNLOCK? OR LOCK? OR SECURE OR SECURITY OR ENCRYPT??? OR DECRYPT??? OR CIPHER? ? OR CYPER? ? OR IN()CODE OR ENC?PEHR?? OR DEC?PHER? OR CODED OR CODING OR LOCK? OR UNLOCK?)

S2 26512 S (SECURE? ? OR ENCRYPT??? OR (NON OR "NOT")()TAMPER? OR TAMPER()(PROOF OR RESISTAN??) OR SEALED OR CIPHER OR CYPHER OR LOCK??? OR RESTRICTED OR CONTROLLED OR PROTECT?? OR ENCOD??? OR ENC?PHER??? OR SAFE? ? OR IMPREGNABLE OR INVIOLABLE)(3W)(ACT OR ACTS OR ACTION OR ACTIONS OR ACTIVITY OR ACTIVITIES OR ATTEMPT OR ATTEMPTS OR BUY??? OR BUYOUT OR BUYOUTS OR BUY???()(OUT OR OUTS) OR DEAL OR DEALS OR DEALING OR DEALINGS OR EXCHANG??? OR MARKET()(EVENT OR EVENTS OR ACTIVITY OR ACTIVITIES) OR OPERATION OR OPERATIONS OR ORDER OR ORDERS OR PROCEDURE OR PROCEDURES OR PURCHAS??? OR SALE OR SALES OR SELL??? OR TRADE OR TRADES OR TRADING OR TRANSACTION OR TRANSACTIONS OR TRANSFER? OR VALUE(2N)TRANSFER?)

S3 152075 S (VERIFY??? OR VERIFI? OR VALIDAT? OR DETERMIN??? OR DETERMINATION OR CHECK??? OR CONFIRM??? OR CONFIRMATION OR AUTHENTICAT?) AND (RESET OR RESETTING OR RESETS OR RE()(SET OR SETS OR SETTING) OR ENABL??? OR REENABL? OR ACTIVAT??? OR REACTIVAT??? OR ENGAG??? OR REENGAG??? OR (TURN??? OR POWER??? OR SHUT? ? OR SHUTTING OR SWITCH???)()ON OR ENABL? OR REENABL? OR RESTART??? OR RE()START???)

S4 79 S S1 AND S2

S5 6 S S4 AND S3

S6 5 S S5 NOT PY>1999

S7 5 RD (unique items)

S8 0 S (((ELECTRONIC OR E OR VIRTUAL OR COMPUTERI? OR CYBER OR ONLINE OR ON()LINE)(3N)(BANKBOOK OR (BANC OR BANK)()BOOK OR PURSE)) OR (EPURSE OR EWALLET OR DIGIWALLET? ? OR DIGIPURSE? ? OR CYBERPURSE? ? OR CYBERWALLET? ?) OR (IC OR SMART OR INTEGRATED()CIRCUIT OR E OR ELECTRONIC)()(CARD? ? OR PURSE) OR ICC) (3N)((GREY()LOCK OR GREYLOCK OR SECURE OR SECURITY)()MARK? ? OR GREY()OPERATION? ? OR GREYLOCK OR GREY()LOCK)

S9 18 S S1(10N)S3

S10 6 S S9 NOT PY>1999

S11 2 S S10 NOT S7

; show files

[File 99] Wilson Appl. Sci & Tech Abs 1983-2008/Aug
(c) 2008 The HW Wilson Co. All rights reserved.

[File 474] New York Times Abs 1969-2008/Sep 03
(c) 2008 The New York Times. All rights reserved.

[File 475] Wall Street Journal Abs 1973-2008/Sep 04
(c) 2008 The New York Times. All rights reserved.

[File 583] Gale Group Globalbase(TM) 1986-2002/Dec 13
(c) 2002 The Gale Group. All rights reserved.
**File 583: This file is no longer updating as of 12-13-2002.*

[File 139] EconLit 1969-2008/Jul
(c) 2008 American Economic Association. All rights reserved.

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7/3,K/1 (Item 1 from file: 2) Links
INSPEC
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07559365 INSPEC Abstract Number: C2000-05-7140-058
Title: Rural telemedicine with international standards: smart cards in West Virginia's pilot sites
Author Raman, R.; Reddy, R.; Kannan, S.; Hunt, W.; Baker, D.V.; Sima, C.; Lapshin, I.; Reddy, S.
Author Affiliation: Concurrent Eng. Res. Center, West Virginia Univ., Morgantown, WV, USA
Conference Title: Toward an Electronic Patient Record'99. Conference and Exposition. TEPR'99 Part vol.1 p. 713-16 vol.1
Editor(s): Waegemann, C.P.
Publisher: Medical Record Inst , Newton, MA, USA
Publication Date: 1999 Country of Publication: USA 3 vol.(1030+590+309) pp.
ISBN: 1 893378 01 2 Material Identity Number: XX-2000-00544
Conference Title: Toward and Electronic Patient Record '99. Conference and Exposition. TEPR'99
Conference Sponsor: Medical Records Inst
Conference Date: 1-6 May 1999 Conference Location: Orlando, FL, USA
Language: English

Abstract: ...set of smart card integrated applications, CORBA middleware services and Web-based EMR repositories to enable secure telemedicine transactions in rural clinics and hospitals. Smart cards provide a portable, yet secure, repository for patients and healthcare professionals. Smart cards for healthcare professionals contain digital certificates and enable authentication of users and role-based access to archived and real-time patient information in a secure manner. Smart cards for patients, based on the G8 nations' healthcard interoperability specifications contain emergency medical information. Smart card applications enable physicians in clinics and hospital emergency rooms to access the patient's emergency medical record...
Identifiers: ...authentication;
Astronomical Objects:

7/3,K/2 (Item 2 from file: 2) Links
INSPEC
(c) 2008 Institution of Electrical Engineers. All rights reserved.
06804894 INSPEC Abstract Number: B9802-6210-013, C9802-7100-040
Title: Beyond the phone card: emerging smart card opportunities
Author Jarvis, C.R.

Journal: GEC Review vol.12, no.3 p. 131-7
Publisher: GEC ,
Publication Date: 1997 Country of Publication: UK
Language: English
Copyright 1998, IEE
Abstract: ...world-wide. The paper describes how smart cards are ideally placed to act as the enabling technology to bring order and security to such systems. The smart card has the ability to: authenticate identity, control access, manipulate and encrypt data, and securely transfer value. These mechanisms are explained and some applications and effects within society are described.
Identifiers: ...identity authentication;
Astronomical Objects:

7/3,K/3 (Item 1 from file: 583) Links
Gale Group Globalbase(TM)
(c) 2002 The Gale Group. All rights reserved.
06583865
Room wiht a clue at smart hotel
AUSTRALIA: AU$ 70 MN HI-TECH HOTEL TO BE ERECTED
The Australian (XAA) 27 Jan 1998 P.35
Language: ENGLISH

...The card is also used as a key to their room. Hence, the process of checking in would not require the assistance of a staff at all. When the guests check-out, billing information will be downloaded into the smart card. Each room will have a digital, video enabled telephone. It could be used for video-conferencing and downloading money to smart cards. The hotel will offer a secure network for online transactions rather than the traditional Internet access. It will have a B2 virtual private network, which... ...as funds transfers and eftpos from their rooms. Furthermore, rooms will be equipped with voice-activated switches and movement sensors to control lightings. Moreover, each room will be installed with a...

7/3,K/4 (Item 2 from file: 583) Links
Gale Group Globalbase(TM)
(c) 2002 The Gale Group. All rights reserved.
06539920
GEMPLUS SHIPS PUBLIC KEY CARD
WORLD: NEW GPK4000 SMART CARD FROM GEMPLUS
Asia Computer Weekly (XCF) 02 Nov 1997 P.8
Language: ENGLISH
...bit RSA-based digital signature at sub-second speed and 4KB application memory. The GPK4000 smart card is created for enabling secure electronic commerce transactions via its authentication function, and securing access to online services through its digital signature capacity.

7/3,K/5 (Item 3 from file: 583) Links
Gale Group Globalbase(TM)
(c) 2002 The Gale Group. All rights reserved.
06253870
NTT REVEALS SECURITY SYSTEM FOR ELECTRONIC CASH

JAPAN: SAFE CASH TRANSFER ON THE INTERNET
The Nikkei Weekly (NW) 1 Jan 1996 P.8
Language: ENGLISH
NTT REVEALS SECURITY SYSTEM FOR ELECTRONIC CASH
JAPAN: SAFE CASH TRANSFER ON THE INTERNET

...system has been developed to protect the user's account number and balance amount while engaging in an electronic transaction. It will be put on trial to determine the practicality of implementing it.

++

11/3,K/1 (Item 1 from file: 2) Links
INSPEC

04960737 INSPEC Abstract Number: C91055191
Title: On a day of early summer in 2020 (a technology forecast)
Author Matsushita, A.
Journal: Information Processing Society of Japan vol.32, no.1 p. 21-3
Publication Date: 1991 Country of Publication: Japan
CODEN: JOSHA4 ISSN: 0447-8053
Language: Japanese
Subfile: C
Abstract: ...the company every day by riding 20-minutes on a tram car. He uses an IC card to go through the security system of the company. Taking a morning coffee, he checks his mail on a flat display on the table. He attends meetings generally by using...

11/3,K/2 (Item 2 from file: 2) Links
INSPEC

04287057 INSPEC Abstract Number: C89008131
Title: Microcomputer file protection and encryption system with smart card activated hierarchical access
Author Bordat, P.
Author Affiliation: Logicam, Paris, France
Conference Title: SECURICOM 88: 6th Worldwide Congress on Computer and Communications Security and Protection p. 69-76
Publisher: SEDEP , Paris, France
Publication Date: 1988 Country of Publication: France 404 pp.
Conference Sponsor: Agence Protection Programmes; Alarmes Protection Securite; et al
Conference Date: 15-17 March 1988 Conference Location: Paris, France
Language: French
Title: Microcomputer file protection and encryption system with smart card activated hierarchical access

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Subject Search; non patent literature; full text # 1

Set Items Description

S1 28280 S (((ELECTRONIC OR E OR VIRTUAL OR COMPUTERI? OR CYBER OR ONLINE OR ON()LINE)(3N)(BANKBOOK OR (BANC OR BANK()BOOK OR PURSE)) OR ((USER OR USERS OR CHECKING OR BANK OR SAVINGS OR BANC OR DEPOSIT OR CREDIT()UNION OR (FINANCIAL OR DEBIT OR CREDIT)()(INSTITUTION OR INSTITUTIONS OR ENTITY OR ENTITIES))(4N)(ACCOUNT OR ACCOUNTS OR DEPOSIT OR DEPOSITS)) OR (EPURSE OR EWALLET OR DIGIWALLET? ? OR DIGIPURSE? ? OR CYBERPURSE? ? OR CYBERWALLET? ? OR (IC OR SMART MEMORY OR MICROPROCESSOR OR INTEGRATED()CIRCUIT OR CHIP)()CARD? ? OR ICC OR (E OR ELECTRONIC OR DIGI OR DIGITAL OR CYBER OR VIRTUAL OR SMART)(2N)(CASH OR CARD? ? OR CURRENC? OR DOLLAR? OR MONEY OR MONIES OR PURSE? ? OR WALLET? OR BILLFOLD? ? OR POCKETBOOK? ? OR HANDBAG? ?))(5N)((GREY()LOCK OR GREYLOCK OR SECURE OR SECURITY)()MARK? ? OR GREY()OPERATION? ? OR UNLOCK? OR LOCK? OR SECURE OR SECURITY OR ENCRYPT??? OR DECRYPT??? OR CIPHER? ? OR CYPER? ? OR IN()CODE OR ENC?PEHR?? OR DEC?PHER? OR CODED OR CODING OR LOCK? OR UNLOCK?)
S2 264562 S (SECURE? ? OR ENCRYPT??? OR (NON OR "NOT")()TAMPER? OR TAMPER()(PROOF OR RESISTAN??) OR SEALED OR CIPHER OR CYPHER OR LOCK??? OR RESTRICTED OR CONTROLLED OR PROTECT?? OR ENCOD??? OR ENC?PHER??? OR SAFE? ? OR IMPREGNABLE OR INVIOLABLE)(3W)(ACT OR ACTS OR ACTION OR ACTIONS OR ACTIVITY OR ACTIVITIES OR ATTEMPT OR ATTEMPTS OR BUY??? OR BUYOUT OR BUYOUTS OR BUY???()(OUT OR OUTS) OR DEAL OR DEALS OR DEALING OR DEALINGS OR EXCHANG??? OR MARKET()(EVENT OR EVENTS OR ACTIVITY OR ACTIVITIES) OR OPERATION OR OPERATIONS OR ORDER OR ORDERS OR PROCEDURE OR PROCEDURES OR PURCHAS??? OR SALE OR SALES OR SELL??? OR TRADE OR TRADES OR TRADING OR TRANSACTION OR TRANSACTIONS OR TRANSFER? OR VALUE(2N)TRANSFER?)
S3 880375 S (VERIFY??? OR VERIFI? OR VALIDAT? OR DETERMIN??? OR DETERMINATION OR CHECK??? OR CONFIRM??? OR CONFIRMATION OR AUTHENTICAT?) AND (RESET OR RESETTING OR RESETS OR RE()(SET OR SETS OR SETTING) OR ENABL??? OR REENABL? OR ACTIVAT??? OR REACTIVAT??? OR ENGAG??? OR REENGAG??? OR (TURN??? OR POWER??? OR SHUT? ? OR SHUTTING OR SWITCH???)()ON OR ENABL? OR REENABL? OR RESTART??? OR RE()START???)
S4 875 S S1(10N)S2
S5 86 S S4(10N)S3
S6 21 S S5 NOT PY>1999
S7 18 RD (unique items)
S8 0 S (((ELECTRONIC OR E OR VIRTUAL OR COMPUTERI? OR CYBER OR ONLINE OR ON()LINE)(3N)(BANKBOOK OR (BANC OR BANK()BOOK OR PURSE)) OR (EPURSE OR EWALLET OR DIGIWALLET? ? OR DIGIPURSE? ? OR CYBERPURSE? ? OR CYBERWALLET? ?) OR (IC OR SMART OR INTEGRATED()CIRCUIT OR E OR ELECTRONIC)()(CARD? ? OR PURSE) OR ICC) (3N)((GREY()LOCK OR GREYLOCK OR SECURE OR SECURITY)()MARK? ? OR GREY()OPERATION? ? OR GREYLOCK OR GREY()LOCK)
; show files

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7/3,K/1 Links

08262477 (USE FORMAT 7 OR 9 FOR FULLTEXT)
MICROSOFT: Microsoft delivers Windows for smart cards
M2 PRESSWIRE November 16, 1999

Journal Code: WMPR Language: English Record Type: FULLTEXT
...card solutions and applications than they could with the existing smart-card platforms. Typical solutions enabled via these smart cards, such as secure network authentication, secure corporate transactions (such as
online banking, and debit and credit), health-care information, electronic cash and customer...

7/3,K/2 Links
Dialog Global Reporter
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08251435 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Schlumberger Smart Card Innovation Secures the Wireless Future
BUSINESS WIRE November 16, 1999
Journal Code: WBWE Language: English Record Type: FULLTEXT

SAN JOSE, Calif.--(BUSINESS WIRE)--Nov. 16, 1999--
-- First smart card to secure Internet transactions on WAP enabled mobile devices

7/3,K/3 Links
Dialog Global Reporter
(c) 2008 Dialog. All rights reserved.
08239306 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Microsoft Delivers Windows for Smart Cards
PR NEWSWIRE November 15, 1999
Journal Code: WPRW Language: English Record Type: FULLTEXT

...card solutions and applications than they could with the existing smart-card platforms.
Typical solutions enabled via these smart cards, such as secure network authentication, secure corporate transactions (such as online banking, and debit and credit), health-care information, electronic cash and customer...

7/3,K/4 Links
Dialog Global Reporter
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08230226 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Wave Systems Demonstrates Trusted Client Services and Applications at Comdex
PR NEWSWIRE November 15, 1999
Journal Code: WPRW Language: English Record Type: FULLTEXT

...showcase innovative trusted client technology, together with products jointly developed with Compaq, including their enhanced smart card readers and keyboards with secure user and transaction authentication enabled by Wave's technology. Background on Wave's Technology
Using industry standard security hardware and...

7/3,K/5 Links
Dialog Global Reporter
(c) 2008 Dialog. All rights reserved.
07288966 (USE FORMAT 7 OR 9 FOR FULLTEXT)

IBM Unveils ECML Digital Wallet Technology
NEWSBYTES September 17, 1999
Journal Code: FNEW Language: English Record Type: FULLTEXT

...banks to obtain their own wallet through a special alliance program. MasterCard also plans to enable the upgrade of existing SET (Secure Electronic Transaction) wallets that are currently installed.
IBM Software's Web site is at http://www.software.ibm...

7/3,K/6 Links
Dialog Global Reporter

07260002 (USE FORMAT 7 OR 9 FOR FULLTEXT)
IBM: New IBM digital wallet speeds checkout for online shoppers
M2 PRESSWIRE September 16, 1999
Journal Code: WMPR Language: English Record Type: FULLTEXT
...member banks to obtain their own wallet through a special alliance program. MasterCard will also enable the upgrade of existing SET (Secure Electronic Transaction TM) wallets that are currently installed.

7/3,K/7 Links
Dialog Global Reporter

07215071 (USE FORMAT 7 OR 9 FOR FULLTEXT)
New IBM Digital Wallet Speeds Checkout for Online Shoppers; MasterCard International and IBM Offer First ECML-Compliant, Consumer Wallets To MasterCard's Member Banks
BUSINESS WIRE September 14, 1999
Journal Code: WBWE Language: English Record Type: FULLTEXT

...member banks to obtain their own wallet through a special alliance program. MasterCard will also enable the upgrade of existing SET (Secure Electronic Transaction(TM)) wallets that are currently installed.
Bank Offerings
The IBM Consumer Wallet offers extensive branding opportunities and...

7/3,K/8 Links
Dialog Global Reporter

06725038 (USE FORMAT 7 OR 9 FOR FULLTEXT)
SHOPCREATOR DEVELOPMENTS: Yorkshire company dominates launch of e-commerce software
M2 PRESSWIRE August 16, 1999
Journal Code: WMPR Language: English Record Type: FULLTEXT

...access to a professional, online catalogue which is simple to use, with easy ordering and secure purchase by credit card, with e-mail confirmation. Products can be searched for using multiple indexes ensuring that products are easy to locate...

7/3,K/9 Links
Dialog Global Reporter

05586435 (USE FORMAT 7 OR 9 FOR FULLTEXT)
GSA Leads Charge on Commercial Cards
Section Title: Cards
JENNIFER KINGSON BLOOM
AMERICAN BANKER , v 163 , p 13 June 03, 1999
Journal Code: WAMB Language: English Record Type: FULLTEXT

...ultimately we're targeting this relationship-GSA and Citibank and the SmartPay banks-to issue smart cards for secure Internet purchasing and authentication services."
The project breaks ground in several ways, Mr. Temoshok said. "This is not a...

7/3,K/10 Links
Dialog Global Reporter

05290589 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Microsoft Targets Atmel's Smart Card ICS For First Release of Smart Card For Windows
PR NEWSWIRE May 12, 1999
Journal Code: WPRW Language: English Record Type: FULLTEXT
...portable, extremely secure means of storing, encrypting and decrypting data, making them ideal for providing secure electronic identification. With a smart card, the user's ID is encrypted on the card, so he or she can engage in secure transactions or access a secure network from any PC by simply inserting the smart card into...

7/3,K/11 Links
Dialog Global Reporter

05289917 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Microsoft Targets Atmel's Smart Card ICs For First Release of Smart Card for Windows OS; Agreement Puts Atmel In Secure Internet E-commerce Arena
BUSINESS WIRE May 12, 1999
Journal Code: WBWE Language: English Record Type: FULLTEXT

...portable, extremely secure means of storing, encrypting and decrypting data, making them ideal for providing secure electronic identification. With a smart card, the user's ID is encrypted on the card, so he or she can engage in secure transactions or access a secure network from any PC by simply inserting his or her smart...

7/3,K/12 Links
Dialog Global Reporter

05250564 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Gemplus and Federal Data Corp. Team Up to Build Smart Card for Windows Applications With Microsoft for Federal Government Sector
BUSINESS WIRE May 10, 1999
Journal Code: WBWE Language: English Record Type: FULLTEXT

...that enables secure storage for smart cards used for a variety of purposes, such as secure network authentication, secure corporate transactions, electronic cash and customer loyalty programs.
"The U.S. Government has been one of the most innovative...

7/3,K/13 Links
Dialog Global Reporter
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04292149 (USE FORMAT 7 OR 9 FOR FULLTEXT)
E-Certify Now Insured at Lloyd's of London; Introduces New Plan to Open Secure e-Commerce to the Masses
BUSINESS WIRE February 10, 1999
Journal Code: WBWE Language: English Record Type: FULLTEXT
...1,000 and US$10,000 respectively.
E-Certify Commerce IDs protect Web sites and enable secure credit card transactions. E-Certify Commerce IDs are available in Silver (protected up to US$100,000), and Gold...

7/3,K/14 Links
Dialog Global Reporter
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04269150 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Tritheim Technologies Nominated for Computerworld Smithsonian Award; Virtual Token Technology Recognized for Innovative and Visionary Use of Information Technology
BUSINESS WIRE February 08, 1999
Journal Code: WBWE Language: English Record Type: FULLTEXT

...TM) Technology for its innovative and visionary use of information technology.
The Virtual Tokens technology enables portable, hardware-based authentication with smart cards for software copy protection, file encryption, and secure financial transactions. Enabling greater security than available through conventional authentication technologies, Virtual Tokens reside in secured memory on smart cards, Tritheim's SmartPort(TM) smart...

7/3,K/15 Links
Dialog Global Reporter
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03248305 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Microsoft Announces Smart Cards for Windows
PR NEWSWIRE October 27, 1998 9:15
Journal Code: WPRW Language: English Record Type: FULLTEXT
...an opportunity to help expand the smart card market on an international basis."
Typical solutions enabled via these smart cards, such as secure network authentication, secure corporate transactions (such as online banking, and debit and credit), electronic cash and customer loyalty programs, will...

7/3,K/16 Links
Dialog Global Reporter
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02905049
Tritheim Technologies Announces 50% Acquisition by Publicker Industries

PR NEWSWIRE September 23, 1998
Journal Code: WPRW Language: English Record Type: FULLTEXT

...terminal software and Internet automatic teller software. Virtual Tokens(TM), a technology Tritheim has patented, enables portable, hardware-based authentication with smart cards for software copy protection, file encryption, and secure financial transactions. Enabling greater security than available through conventional authentication technologies, Virtual Tokens reside in secured memory on either a smart card or Tritheim's...

7/3,K/17 Links
Dialog Global Reporter
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02145360 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Schlumberger Provides Technology for First U.S. Pilot of a Smart Card in a Set Payment Environment
BUSINESS WIRE July 08, 1998 9:15
Journal Code: WBWE Language: English Record Type: FULLTEXT

with First Transaction at E-GOV Conference
The first smart card SET (Secure Electronic Transaction) enabled payment transaction over the Internet was demonstrated here today. This application pilot is unique in...

7/3,K/18 Links
Dialog Global Reporter
(c) 2008 Dialog. All rights reserved.
01325316 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Smart Cards: Federal Agencies Take the Lead in Chip Cards
Section Title: Digital Frontiers
JENNIFER KINGSON BLOOM
AMERICAN BANKER , v 163 , p 15 April 08, 1998
Journal Code: WAMB Language: English Record Type: FULLTEXT

...office, renewing a driver's license, or making reservations at a national park.
Longer term, smart cards could help secure information and authenticate transactions on the Internet,
store tax records and personal information, and help manage benefits programs like...

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Subject Search; non patent literature; full text #2

Set Items Description
S1 16951 S (((ELECTRONIC OR E OR VIRTUAL OR COMPUTERI? OR CYBER OR ONLINE OR ON()LINE)(3N)(BANKBOOK OR (BANC OR BANK)()BOOK OR PURSE)) OR ((USER OR USERS OR CHECKING OR BANK OR SAVINGS OR BANC OR DEPOSIT OR CREDIT()UNION OR (FINANCIAL OR DEBIT OR CREDIT)()(INSTITUTION OR INSTITUTIONS OR ENTITY OR

ENTITIES))(4N)(ACCOUNT OR ACCOUNTS OR DEPOSIT OR DEPOSITS)) OR (EPURSE OR EWALLET OR DIGIWALLET? ? OR DIGIPURSE? ? OR CYBERPURSE? ? OR CYBERWALLET? ? OR (IC OR SMART OR MEMORY OR MICROPROCESSOR OR INTEGRATED()CIRCUIT OR CHIP()CARD? ? OR ICC OR (E OR ELECTRONIC OR DIGI OR DIGITAL OR CYBER OR VIRTUAL OR SMART)(2N)(CASH OR CARD? ? OR CURRENC? OR DOLLAR? OR MONEY OR MONIES OR PURSE? ? OR WALLET? OR BILLFOLD? ? OR POCKETBOOK? ? OR HANDBAG? ?))(5N)((GREY()LOCK OR GREYLOCK OR SECURE OR SECURITY)()MARK? ? OR GREY()OPERATION? ? OR UNLOCK? OR LOCK? OR SECURE OR SECURITY OR ENCRYPT??? OR DECRYPT??? OR CIPHER? ? OR CYPER? ? OR IN()CODE OR ENC?PEHR?? OR DEC?PHER? OR CODED OR CODING OR LOCK? OR UNLOCK?)

S2 93896 S (SECURE? ? OR ENCRYPT??? OR (NON OR "NOT")()TAMPER? OR TAMPER()(PROOF OR RESISTAN??) OR SEALED OR CIPHER OR CYPHER OR LOCK??? OR RESTRICTED OR CONTROLLED OR PROTECT?? OR ENCOD??? OR ENC?PHER??? OR SAFE? ? OR IMPREGNABLE OR INVIOLABLE)(3W)(ACT OR ACTS OR ACTION OR ACTIONS OR ACTIVITY OR ACTIVITIES OR ATTEMPT OR ATTEMPTS OR BUY??? OR BUYOUT OR BUYOUTS OR BUY???()(OUT OR OUTS) OR DEAL OR DEALS OR DEALING OR DEALINGS OR EXCHANG??? OR MARKET()(EVENT OR EVENTS OR ACTIVITY OR ACTIVITIES) OR OPERATION OR OPERATIONS OR ORDER OR ORDERS OR PROCEDURE OR PROCEDURES OR PURCHAS??? OR SALE OR SALES OR SELL??? OR TRADE OR TRADES OR TRADING OR TRANSACTION OR TRANSACTIONS OR TRANSFER? OR VALUE(2N)TRANSFER?)

S3 569494 S (VERIFY??? OR VERIFI? OR VALIDAT? OR DETERMIN??? OR DETERMINATION OR CHECK??? OR CONFIRM??? OR CONFIRMATION OR AUTHENTICAT?) AND (RESET OR RESETTING OR RESETS OR RE()(SET OR SETS OR SETTING) OR ENABL??? OR REENABL? OR ACTIVAT??? OR REACTIVAT??? OR ENGAG??? OR REENGAG??? OR (TURN??? OR POWER??? OR SHUT? ? OR SHUTTING OR SWITCH???)()ON OR ENABL? OR REENABL? OR RESTART??? OR RE()START???)

S4 593 S S1(10N)S2

S5 71 S S4(10N)S3

S6 27 S S5 NOT PY>1999

S7 25 RD (unique items)

S8 965 S S1(3N)S3

S9 949 S S8 NOT S7

S10 307 S S9 NOT PY>1999

S11 2 S S10(3N)(SECURE? ? OR ENCRYPT??? OR (NON OR "NOT")()TAMPER? OR TAMPER()(PROOF OR RESISTAN??) OR LOCK??? OR RESTRICTED OR CONTROLLED OR PROTECT?? OR ENC?PHER???)(3W)(ACTION OR ACTIONS OR ACTIVITY OR ACTIVITIES OR BUY??? OR BUYOUT OR BUYOUTS OR BUY???()(OUT OR OUTS) OR OPERATION OR OPERATIONS OR ORDER OR ORDERS OR PROCEDURE OR PROCEDURES OR PURCHAS??? OR TRADE OR TRADES OR TRADING OR TRANSACTION OR TRANSACTIONS OR TRANSFER? OR VALUE(2N)TRANSFER?)

S12 0 S (((ELECTRONIC OR E OR VIRTUAL OR COMPUTERI? OR CYBER OR ONLINE OR ON()LINE)(3N)(BANKBOOK OR (BANC OR BANK)()BOOK OR PURSE)) OR (EPURSE OR EWALLET OR DIGIWALLET? ? OR DIGIPURSE? ? OR CYBERPURSE? ? OR CYBERWALLET? ?) OR (IC OR SMART OR INTEGRATED()CIRCUIT OR E OR ELECTRONIC)()(CARD? ? OR PURSE) OR ICC) (3N)((GREY()LOCK OR GREYLOCK OR SECURE OR SECURITY)()MARK? ? OR GREY()OPERATION? ? OR GREYLOCK OR GREY()LOCK)

; show files

[File 610] Business Wire 1999-2008/Sep 04
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**File 610: File 610 now contains data from 3/99 forward. Archive data (1986-2/99) is available in File 810.*

[File 810] Business Wire 1986-1999/Feb 28
(c) 1999 Business Wire . All rights reserved.

[File 613] PR Newswire 1999-2008/Sep 04
(c) 2008 PR Newswire Association Inc. All rights reserved.
**File 613: File 613 now contains data from 5/99 forward. Archive data (1987-4/99) is available in File 813.*

[File 813] PR Newswire 1987-1999/Apr 30
(c) 1999 PR Newswire Association Inc. All rights reserved.

[File 634] San Jose Mercury Jun 1985-2008/Jul 10
(c) 2008 San Jose Mercury News. All rights reserved.

[File 624] McGraw-Hill Publications 1985-2008/Sep 02
(c) 2008 McGraw-Hill Co. Inc. All rights reserved.
**File 624: Homeland Security & Defense and 9 Platt energy journals added Please see HELP NEWS624 for more*

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7/3,K/1 (Item 1 from file: 15) Links
ABI/Inform(R)
(c) 2008 ProQuest Info&Learning. All rights reserved.
01903428 05-54420
IBM taps AS/400 for secure e-commerce
Biggs, Maggie
InfoWorld v21n39 pp: 80-84
Sep 27, 1999
ISSN: 0199-6649 Journal Code: IFW

...authorizing credit cards, capturing funds, crediting accounts, and
reversing transactions. Customers of your Net .Commerce-enabled
stores can use Secure Sockets Layer (SSL) encryption or the Secure
Electronic Transaction (SET) electronic wallet to
complete purchases. And if you choose, you can use SET to complete payment
processing...

7/3,K/2 (Item 2 from file: 15) Links
ABI/Inform(R)
(c) 2008 ProQuest Info&Learning. All rights reserved.
01703495 03-54485
Banks demo card-based SET transaction on Web
Marlin, Steven
Bank Systems & Technology v35n10 pp: 30
Oct 1998
ISSN: 1045-9472 Journal Code: BSE
The first smart card-enabled SET (Secure Electronic Transaction) transaction over the Internet has

been demonstrated in a pilot involving the US Treasury, Zions First...
Text:

he first smart card-enabled SET (Secure Electronic Transaction) transaction over the Internet has been demonstrated in a pilot involving the U.S. Treasury, Zions...

7/3,K/3 (Item 3 from file: 15) Links
ABI/Inform(R)

01555324 02-06313
E-Commerce
Conhaim, Wallys W
Link-Up v15n1 pp: 13-15 Jan/Feb 1998
ISSN: 0739-988X Journal Code: LUP

...ad postings, to business conducted entirely online through the use of newer tools such as authentication, digital cash, and secure, encrypted transactions. The flat-rate pricing structure now prevalent for consumer online and Internet services is more...

7/3,K/4 (Item 4 from file: 15) Links
ABI/Inform(R)

01308604 99-58000
Java Electronic Commerce framework
Anonymous
Computer Reseller News n702 pp: 126-128 Sep 23, 1996
ISSN: 0893-8377 Journal Code: CRN
...environments. The JECF provides a framework for payment methods such as:
Credit cards using the Secure Electronic Transactions (SET) protocol Smart cards Micro-transactions (pre-authorized payments for small amounts) Electronic checks
Tokens for online games and services Frequent flier mileage and other types of incentive points...

7/3,K/5 (Item 1 from file: 610) Links
Business Wire

00140450 1999111632OB0176 (USE FORMAT 7 FOR FULLTEXT)
Schlumberger Smart Card Innovation Secures the Wireless Future
Business Wire Tuesday , November 16, 1999 08:59 EST
Journal Code: BW Language: ENGLISH Record Type: FULLTEXT Document Type: NEWSWIRE
-- First smart card to secure Internet transactions on WAP enabled mobile devices

7/3,K/6 (Item 2 from file: 610) Links
Business Wire

00103401 19990914257B1383 (USE FORMAT 7 FOR FULLTEXT)
New IBM Digital Wallet Speeds Checkout for Online Shoppers; MasterCard International and IBM Offer First ECML-Compliant, Consumer Wallets To MasterCard's Member Banks

Business Wire Tuesday , September 14, 1999 11:34 EDT
Journal Code: BW Language: ENGLISH Record Type: FULLTEXT Document Type: NEWSWIRE

...member banks to obtain their own wallet through a special alliance program. MasterCard will also enable the upgrade of existing SET (Secure Electronic Transaction(TM)) wallets that are currently installed.

7/3,K/7 (Item 3 from file: 610) Links
Business Wire

00044272 19990512132B0258 (USE FORMAT 7 FOR FULLTEXT)
Microsoft Targets Atmel's Smart Card ICs For First Release of Smart Card for Windows OS; Agreement Puts Atmel In Secure Internet E-commerce Arena
Business Wire Wednesday , May 12, 1999 13:50 EDT
Journal Code: BW Language: ENGLISH Record Type: FULLTEXT Document Type: NEWSWIRE

...portable, extremely secure means of storing, encrypting and decrypting data, making them ideal for providing secure electronic identification. With a smart card, the user's ID is encrypted on the card, so he or she can engage in secure transactions or access a secure network from any PC by simply inserting his or her smart...

7/3,K/8 (Item 4 from file: 610) Links
Business Wire

00042057 19990510130B0202 (USE FORMAT 7 FOR FULLTEXT)
Gemplus and Federal Data Corp. Team Up to Build Smart Card for Windows Applications With Microsoft for Federal Government Sector
Business Wire Monday , May 10, 1999 00:00 EDT
Journal Code: BW Language: ENGLISH Record Type: FULLTEXT Document Type: NEWSWIRE
...that enables secure storage for smart cards used for a variety of purposes, such as secure network authentication, secure corporate transactions, electronic cash and customer loyalty programs. "The U.S. Government has been one of the most innovative...

7/3,K/9 (Item 1 from file: 810) Links
Business Wire

0977585 BW0321
VA E CERTIFY 2 : E-Certify Now Insured at Lloyd's of London; Introduces New Plan to Open Secure e-Commerce to the Masses
February 10, 1999
Byline: Business Editors and High Tech Writers

...1,000 and US$10,000 respectively.
E-Certify Commerce IDs protect Web sites and enable secure credit card transactions. E-Certify Commerce IDs are available in Silver (protected up to US$100,000), and Gold...

7/3,K/10 (Item 2 from file: 810) Links

Business Wire
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0976225 BW1705
FL TRITHEIM TECH : Tritheim Technologies Nominated for Computerworld Smithsonian Award; Virtual Token Technology Recognized for Innovative and Visionary Use of Information Technology
February 08, 1999
Byline: Business Editors, High-Tech Writers

...TM)
Technology for its innovative and visionary use of information technology.
The Virtual Tokens technology enables portable, hardware-based authentication with smart cards for software copy protection, file encryption, and secure financial transactions.
Enabling greater security than available through conventional authentication technologies, Virtual Tokens reside in secured memory on smart cards, Tritheim's SmartPort(TM) smart...

7/3,K/11 (Item 3 from file: 810) Links
Business Wire
(c) 1999 Business Wire . All rights reserved.
0895159 BW1393
GEMPLUS : Gemplus Introduces Secure, Affordable Card Reader for Logical Access and Internet Security
August 17, 1998
Byline: Business Editors/High Tech Writers

...from the user is sent directly from the keyboard to the reader, where it is validated by the smart card, taking full advantage of smart card built-in security.
Validation takes place with no processing on the PC, where a breach of security could occur...
...processing where user-critical information is involved.
"The GCR420 is a significant step forward in enabling the smart card to be the key technology for Internet transactions and e-commerce applications...
...Gemplus is the first company to offer a smart card reader without a keypad, this enables the user to enter his or her PIN code directly from the PC keyboard which...

7/3,K/12 (Item 4 from file: 810) Links
Business Wire
(c) 1999 Business Wire . All rights reserved.
0876468 BW0059
SCHLUMBERGER 3 : Schlumberger Provides Technology for First U.S. Pilot of a Smart Card in a Set Payment Environment
July 08, 1998
Byline: Business Editors & High Tech Writers

...and Electronic Commerce Initiative kicks-off with First Transaction at E-GOV Conference
The first smart card SET (Secure Electronic Transaction) enabled payment transaction over the Internet was demonstrated here today.
This application pilot is unique in...

7/3,K/13 (Item 5 from file: 810) Links
Business Wire
(c) 1999 Business Wire . All rights reserved.
0792603 BW1332
CYLINK : Cylink's PrivateWire Selected by Data Communications Magazine as Hot Product of 1998
January 08, 1998
Byline: Business/Technology Editors

...that depend on the secure transmission of sensitive data over the Internet.
PrivateWire combines strong authentication, encryption, firewall, and smart card capabilities to protect electronic transactions and business communications. Its multi-layer, integrated security architecture includes two-way authentication, access control...

7/3,K/14 (Item 6 from file: 810) Links
Business Wire
(c) 1999 Business Wire . All rights reserved.
0784157 BW0303
CYLINK : Cylink's PrivateWire Passes the NCSA's Cryptography Product Certification Program
December 10, 1997
Byline: Business Editors/Computer Writers

...help drive the increased implementation of network security."
Introduced in September 1997, PrivateWire combines strong authentication, encryption, firewall, and smart card capabilities to protect electronic transactions and business communications. Its multi-layer, integrated security architecture includes two-way authentication, access control...

7/3,K/15 (Item 7 from file: 810) Links
Business Wire
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0734666 BW0050
NETWORK 1 : Network-1 Announces Plans to Integrate V-ONE Corporation's Smartgate Technology; Licensing Agreement Strengthens Network-1's Award-Winning FireWall/Plus Network Security Offering
August 13, 1997
Byline: Business Editors/Computer Writers

...in the fourth quarter.
V-ONE's SmartGate, which integrates encryption with both software-based authentication and hardware-based smart card authentication, enables organizations to establish secure communications and transaction channels over public networks such as the Internet.
"By combining SmartGate technology with FireWall/Plus...

7/3,K/16 (Item 1 from file: 613) Links
PR Newswire
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00215734 19991115SFM061 (USE FORMAT 7 FOR FULLTEXT)
Microsoft Delivers Windows for Smart Cards
PR Newswire Monday , November 15, 1999 15:00 EST
Journal Code: PR Language: ENGLISH Record Type: FULLTEXT Document Type: NEWSWIRE

...card solutions and applications than they could with the existing smart-card platforms.
Typical solutions enabled via these smart cards, such as secure network authentication, secure corporate transactions (such as online banking, and debit and credit), health-care information, electronic cash and customer...

7/3,K/17 (Item 2 from file: 613) Links
PR Newswire

00215038 19991115SFM154 (USE FORMAT 7 FOR FULLTEXT)
Wave Systems Demonstrates Trusted Client Services and Applications at Comdex
PR Newswire Monday , November 15, 1999 08:31 EST
Journal Code: PR Language: ENGLISH Record Type: FULLTEXT Document Type: NEWSWIRE

...showcase innovative trusted client technology, together with products jointly developed with compaq, including their enhanced smart card readers and keyboards with secure user and transaction authentication
enabled by Wave's technology.

7/3,K/18 (Item 3 from file: 613) Links
PR Newswire

00107768 19990512SFW007 (USE FORMAT 7 FOR FULLTEXT)
Microsoft Targets Atmel's Smart Card ICS For First Release of Smart Card For Windows
PR Newswire Wednesday , May 12, 1999 13:00 EDT
Journal Code: PR Language: ENGLISH Record Type: FULLTEXT Document Type: NEWSWIRE
...portable, extremely secure means of storing, encrypting and decrypting data, making them ideal for providing secure electronic identification. With a smart card, the user's ID is encrypted on the card, so he or she can engage in secure transactions or access a secure network from
any PC by simply inserting the smart card into...

7/3,K/19 (Item 1 from file: 813) Links
PR Newswire

1365100 SFTU027
Microsoft Announces Smart Cards for Windows
Date: October 27, 1998 09:00 EST Word Count: 832
Correction:

...an opportunity to help expand the smart card market on an international basis."
Typical solutions enabled via these smart cards, such as secure network authentication, secure corporate transactions (such as online banking, and debit and credit), electronic cash and customer loyalty programs, will...

7/3,K/20 (Item 2 from file: 813) Links
PR Newswire

1345148 CGW063
Tritheim Technologies Announces 50% Acquisition by Publicker Industries

Date: September 23, 1998 15:12 EDT Word Count: 550
Correction:

...terminal software and Internet automatic teller software.
Virtual Tokens(TM), a technology Tritheim has patented, enables portable, hardware-based authentication with smart cards for software copy protection, file encryption, and secure financial transactions. Enabling greater security than available through conventional authentication technologies, Virtual Tokens reside in secured memory on either a smart card or Tritheim's...

7/3,K/21 (Item 3 from file: 813) Links
PR Newswire

1141205 DCM008
Network-1 Announces Plans to Integrate V-ONE's SmartGate(TM) Technology
Date: August 18, 1997 09:16 EDT Word Count: 844
Correction:

...FireWall/Plus firewall solution.
V-ONE's SmartGate, which integrates encryption with both software-based authentication and hardware-based smart card authentication, enables organizations to establish secure communications and transaction channels over public networks such as the Internet.

7/3,K/22 (Item 4 from file: 813) Links
PR Newswire

0921753 NYW020
TECHNOLOGY TEAM TO OFFER STUDENTS THE MOST ADVANCED, MULTI-PURPOSE SMART CARD TO DATE
Date: March 6, 1996 07:45 EST Word Count: 1,049
Correction:

...information. By authenticating the card holder rather than the machine, students have the ability to engage in secure network transactions.
"Students have unmatched flexibility with the security of FSU's smart card system," said Marcus J. Ranum, chief scientist at V-ONE, commonly recognized as the father...

7/3,K/23 (Item 5 from file: 813) Links
PR Newswire

0866455 NY011
V-ONE SMARTWALL IS BEST IN INFOSECURITY NEWS SECURITY SUPPLEMENT
Date: October 4, 1995 07:00 EDT Word Count: 297
Correction:

...utilizes encryption from RSA to add an additional level of security.
In addition to firewall security, V-ONE has developed the CyberWallet(TM) technology, based on the Secure
Transaction Channel (STC) protocol to enable safe, open electronic commerce on the Internet.
Lisencees of CyberWallet technology include Spyglass Inc., SecurePay...

7/3,K/24 (Item 6 from file: 813) Links
PR Newswire

0844088 NY040
CP8 TRANSAC ELECTRONIC PURSE EXPANDS INTO NETHERLANDS
Date: July 25, 1995 10:10 EDT Word Count: 741
Correction:

...said. The CP8 CC60 is the latest product from CP8 Transac to address the emerging electronic purse market. With its unique security features, the CC60 is the enabling piece to the CP8 secure transaction environment.
"Security requires an end-to-end architecture -- from the point of customer interaction with...

7/3,K/25 (Item 7 from file: 813) Links
PR Newswire

0795473 SF020
COMPUTER SECURITY INSTITUTE: 12 SECURITY TIPS FOR CORPORATE NETWORKS
Date: March 6, 1995 16:25 EST Word Count: 495
Correction:

...are in place.
Mobile computers: To secure mobile computers, install access control programs and physical security devices. Consider encryption and token cards.

++

11/3,K/1 (Item 1 from file: 810) Links
Business Wire

0876453 BW1153
SCHLUMBERGER : Schlumberger Provides Technology for First U.S. Pilot of a Smart Card in a Set Payment Environment
July 08, 1998
Byline: Business/Hi-Tech Editors

...and Electronic Commerce Initiative Kicks-off with First Transaction at E-GOV Conference
The first smart card SET (Secure Electronic Transaction) enabled payment transaction over the Internet was demonstrated here today.
This application pilot is unique in...

11/3,K/2 (Item 1 from file: 813) Links
PR Newswire

1420189 DCW056
E-Certify Now Insured at Lloyd's of London; Introduces New Plan to Open Secure e-Commerce to the Masses

Date: February 10, 1999 16:59 EST Word Count: 651
Correction:

...1,000 and US $10,000 respectively.
E-Certify Commerce IDs protect Web sites and enable secure credit card transactions. E-Certify Commerce IDs are available in Silver (protected up to US $100,000), and Gold...

Subject Search; non patent literature; full text # 3

Set Items Description
S1 51764 S (((ELECTRONIC OR E OR VIRTUAL OR COMPUTERI? OR CYBER OR ONLINE OR ON()LINE)(3N)(BANKBOOK OR (BANC OR BANK)()BOOK OR PURSE)) OR ((USER OR USERS OR CHECKING OR BANK OR SAVINGS OR BANC OR DEPOSIT OR CREDIT()UNION OR (FINANCIAL OR DEBIT OR CREDIT)()(INSTITUTION OR INSTITUTIONS OR ENTITY OR ENTITIES))(4N)(ACCOUNT OR ACCOUNTS OR DEPOSIT OR DEPOSITS)) OR (EPURSE OR EWALLET OR DIGIWALLET? ? OR DIGIPURSE? ? OR CYBERPURSE? ? OR CYBERWALLET? ? OR (IC OR SMART OR MEMORY OR MICROPROCESSOR OR INTEGRATED()CIRCUIT OR CHIP)()CARD? ? OR ICC OR (E OR ELECTRONIC OR DIGI OR DIGITAL OR CYBER OR VIRTUAL OR SMART)(2N)(CASH OR CARD? ? OR CURRENC? OR DOLLAR? OR MONEY OR MONIES OR PURSE? ? OR WALLET? OR BILLFOLD? ? OR POCKETBOOK? ? OR HANDBAG? ?))(5N)((GREY()LOCK OR GREYLOCK OR SECURE OR SECURITY()MARK? ? OR GREY()OPERATION? ? OR UNLOCK? OR LOCK? OR SECURE OR SECURITY OR ENCRYPT??? OR DECRYPT??? OR CIPHER? ? OR CYPER? ? OR IN()CODE OR ENC?PEHR?? OR DEC?PHER? OR CODED OR CODING OR LOCK? OR UNLOCK?)
S2 263390 S (SECURE? ? OR ENCRYPT??? OR (NON OR "NOT")()TAMPER? OR TAMPER()(PROOF OR RESISTAN??) OR SEALED OR CIPHER OR CYPHER OR LOCK??? OR RESTRICTED OR CONTROLLED OR PROTECT?? OR ENCOD??? OR ENC?PHER??? OR SAFE? ? OR IMPREGNABLE OR INVIOLABLE)(3W)(ACT OR ACTS OR ACTION OR ACTIONS OR ACTIVITY OR ACTIVITIES OR ATTEMPT OR ATTEMPTS OR BUY??? OR BUYOUT OR BUYOUTS OR BUY???()(OUT OR OUTS) OR DEAL OR DEALS OR DEALING OR DEALINGS OR EXCHANG??? OR MARKET()(EVENT OR EVENTS OR ACTIVITY OR ACTIVITIES) OR OPERATION OR OPERATIONS OR ORDER OR ORDERS OR PROCEDURE OR PROCEDURES OR PURCHAS??? OR SALE OR SALES OR SELL??? OR TRADE OR TRADES OR TRADING OR TRANSACTION OR TRANSACTIONS OR TRANSFER? OR VALUE(2N)TRANSFER?)
S3 1430387 S (VERIFY??? OR VERIFI? OR VALIDAT? OR DETERMIN??? OR DETERMINATION OR CHECK??? OR CONFIRM??? OR CONFIRMATION OR AUTHENTICAT?) AND (RESET OR RESETTING OR RESETS OR RE()(SET OR SETS OR SETTING) OR ENABL??? OR REENABL? OR ACTIVAT??? OR REACTIVAT??? OR ENGAG??? OR REENGAG??? OR (TURN??? OR POWER??? OR SHUT? ? OR SHUTTING OR SWITCH???)()ON OR ENABL? OR REENABL? OR RESTART??? OR RE()START???)
S4 1943 S S1(5N)S2
S5 181 S S4(5N)S3
S6 69 S S5 NOT PY>1999
S7 35 RD (unique items)
S8 0 S (((ELECTRONIC OR E OR VIRTUAL OR COMPUTERI? OR CYBER OR ONLINE OR ON()LINE)(3N)(BANKBOOK OR (BANC OR BANK)()BOOK OR PURSE)) OR (EPURSE OR EWALLET OR DIGIWALLET? ? OR DIGIPURSE? ? OR CYBERPURSE? ? OR CYBERWALLET? ?) OR (IC OR SMART OR INTEGRATED()CIRCUIT OR E OR ELECTRONIC)()(CARD? ? OR PURSE)

OR ICC) (3N)((GREY()LOCK OR GREYLOCK OR SECURE OR SECURITY)()MARK? ? OR GREY()OPERATION? ? OR GREYLOCK OR GREY()LOCK)
S9 2394 S S1(2N)S3
S10 107 S S9(3N)(SECURE? ? OR ENCRYPT??? OR (NON OR "NOT")()TAMPER? OR TAMPER()(PROOF OR RESISTAN??) OR LOCK??? OR RESTRICTED OR CONTROLLED OR PROTECT?? OR ENC?PHER???)(3W)(ACTION OR ACTIONS OR ACTIVITY OR ACTIVITIES OR BUY??? OR BUYOUT OR BUYOUTS OR BUY???()(OUT OR OUTS) OR OPERATION OR OPERATIONS OR ORDER OR ORDERS OR PROCEDURE OR PROCEDURES OR PURCHAS??? OR TRADE OR TRADES OR TRADING OR TRANSACTION OR TRANSACTIONS OR TRANSFER? OR VALUE(2N)TRANSFER?)
S11 84 S S10 NOT S7
S12 21 S S11 NOT PY>1999
S13 14 RD (unique items)
; show files

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7/3,K/1 (Item 1 from file: 9) Links
Business & Industry(R)
(c) 2008 The Gale Group. All rights reserved.
01923873 Supplier Number: 25369741 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Europe sets pace for mobile e-commerce
(Companies join forces to develop mobile e-commerce products for lucrative European market; France Telecom Mobile to test smart card-enabled mobile e-commerce system in 8/99)
CommunicationsWeek International , p 14 July 19, 1999
Document Type: Journal ISSN: 1042-6086 (United Kingdom)
Language: English Record Type: Fulltext
TEXT:
...services)."
The service will enable consumers with Motorola dual-slot StarTAC D handsets to make secure transactions via smart card-enabled credit cards. Another participant in the trial is the Groupement des

Cartes Bancaires (CB), a...

7/3,K/2 (Item 2 from file: 9) Links
Business & Industry(R)

01702759 Supplier Number: 24470098 (USE FORMAT 7 OR 9 FOR FULLTEXT)
GSA Leads Charge on Commercial Cards
(Under the federal government's SmartPay program, all paper expense reports and filing systems have been replaced with electronic methods that track business spending)
American Banker , v 163 , n 230 , p 13 December 03, 1998
Document Type: Newspaper ISSN: 0002-7561 (United States)
Language: English Record Type: Fulltext
TEXT:
...ultimately we're targeting this relationship-GSA and Citibank and the SmartPay banks-to issue smart cards for secure Internet purchasing and authentication services."
The project breaks ground in several ways, Mr. Temoshok said. "This is not a...

7/3,K/3 (Item 3 from file: 9) Links
Business & Industry(R)

01455659 Supplier Number: 24130949 (USE FORMAT 7 OR 9 FOR FULLTEXT)
E-Commerce
(Electronic commerce evolving through new tools and the commercialization and popularization of te Internet)
Link-Up , v 15 , n 1 , p 13+ January 1998
Document Type: Journal ISSN: 0739-988X (United States)
Language: English Record Type: Fulltext
...online services, to business conducted entirely online through the use of newer tools such as authentication, digital cash, and secure, encrypted transactions.
The venues have expanded, too--from proprietary consumer or business networks primarily in the U...

7/3,K/4 (Item 4 from file: 9) Links
Business & Industry(R)

01367391 Supplier Number: 24029751
RMIT EXPANDS GLOBAL E-COMMERCE ROLE
(Secure transactions will soon be launched on the United Nations Global Trade Point Network)
Exchange Telecommunications Newsletter , v 9 , n 36 , p N/A September 19, 1997
Document Type: Newsletter (Australia)
Language: English Record Type: Fulltext
...secure transactions over GTPNet. The kit will comprise a PC attachable smartcard reader and personalised secure electronic trading card authenticating the holder. Only six countries - Australia, China, Indonesia, Malaysia, South Korea and the US -have...

7/3,K/5 (Item 5 from file: 9) Links
Business & Industry(R)

(c) 2008 The Gale Group. All rights reserved.
01253306 Supplier Number: 23849973 (USE FORMAT 7 OR 9 FOR FULLTEXT)
ALPS and IRIS announce alliance
(ALPS Electric Ireland and IRIS Technologies for alliance to bring smart card-based solutions to the PC market)
Automatic ID News Europe , v 6 , n 3 , p 7 April 1997
Document Type: Journal ISSN: 1363-9765 (United Kingdom)
Language: English Record Type: Fulltext
...of computer peripherals.
The combination of the two companies reportedly will provide total integrated solutions, enabling the use of smart card technology for secure PC access and secure transactions. The focus will be on solutions for Intranet and Internet security.

7/3,K/6 (Item 6 from file: 9) Links
Business & Industry(R)
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00932858 Supplier Number: 23512650 (USE FORMAT 7 OR 9 FOR FULLTEXT)
HP Helps to Secure Network Access
(Hewlett-Packard introduced the Praesidium Authorization Server 1.0 software that provides end-to-end security solutions)
CommunicationsWeek , n 609 , p 44+ May 06, 1996
Document Type: Journal ISSN: 0748-8121 (United States)
Language: English Record Type: Fulltext
TEXT:
...level boards that fit into the backplane of a server motherboard or inserted in a smart card enabling secure authentication and transactions.
HP can be reached at www.hp.com or 408-447-4587.

7/3,K/7 (Item 7 from file: 9) Links
Business & Industry(R)
(c) 2008 The Gale Group. All rights reserved.
00574132 Supplier Number: 23086726 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Get On The Net, It Pays
(New online services are offered to facilitate electronic commerce transactions)
Electronic Buyers News , n 933 , p 86+ December 05, 1994
Document Type: Journal ISSN: 0164-6362 (United States)
Language: English Record Type: Fulltext
TEXT:
...support other standard payment methods, including debit cards, automated clearing house transactions, corporate accounts, and digital cash. Multiple security mechanisms -- encryption, fire wall security, buyer authentication (passwords and challenge-based schemes), and smart cards -- are tied to the risk of the...

7/3,K/8 (Item 8 from file: 9) Links
Business & Industry(R)
(c) 2008 The Gale Group. All rights reserved.
00567268 Supplier Number: 23125889 (USE FORMAT 7 OR 9 FOR FULLTEXT)
BOOM OR BUST: A panel of predictions for the year ahead
(Three industry leaders give their predictions for digital marketers, surcharged pricing, dimensional multimedia and other issues for 1995)

AdWeek East , v XXXVI , n 6 , p IQ24+ February 06, 1995
Document Type: Journal ISSN: 0199-2864 (United States)
Language: English Record Type: Fulltext
TEXT:
...customer. A key breakthrough in the consumer markets this year will be the emergence of digital cash. Once secure, verifiable transactions can be made through the Internet, the demand for services and goods ordered and delivered...

7/3,K/9 (Item 1 from file: 275) Links
Gale Group Computer DB(TM)

02332312 Supplier Number: 55805226 (Use Format 7 Or 9 For FULL TEXT)
New IBM Digital Wallet Speeds Checkout for Online Shoppers; MasterCard International and IBM Offer First ECML-Compliant, Consumer Wallets To MasterCard's Member Banks.(Product Announcement)
EDGE: Work-Group Computing Report , NA Sept 20 , 1999
Document Type: Product Announcement
Language: English Record Type: Fulltext
Word Count: 1295 Line Count: 00112

...member banks to obtain their own wallet through a special alliance program. MasterCard will also enable the upgrade of existing SET (Secure Electronic Transaction) wallets that are currently installed.
Bank Offerings The IBM Consumer Wallet offers extensive branding opportunities and...

7/3,K/10 (Item 2 from file: 275) Links
Gale Group Computer DB(TM)

02332236 Supplier Number: 55799107 (Use Format 7 Or 9 For FULL TEXT)
IBM Unveils ECML Digital Wallet Technology 09/17/99 >BY Steve Gold.
Newsbytes , NA Sept 17 , 1999
Language: English Record Type: Fulltext
...banks to obtain their own wallet through a special alliance program.
MasterCard also plans to enable the upgrade of existing SET (Secure Electronic Transaction) wallets that are currently installed.
IBM Software's Web site is at http://www.software.ibm...

7/3,K/11 (Item 3 from file: 275) Links
Gale Group Computer DB(TM)

01843166 Supplier Number: 17467097 (Use Format 7 Or 9 For FULL TEXT)
Downloading dollars. (transactions on the Internet) (includes related article on emerging digital payment methods)(Communications)(Column)
Hallerman, David
Home Office Computing , v13 , n8 , p92(2) August , 1995
Document Type: Column
ISSN: 0899-7373

Language: English Record Type: Fulltext; Abstract
...available for every business--especially smaller, home-based ones.
Cashing In Online Encryption technology also enables secure transfers using digital cash. Customers
exchange real money at virtual banks for digital chits they can spend online. Anyone...

7/3,K/12 (Item 1 from file: 621) Links
Gale Group New Prod.Annou.(R)

02232874 Supplier Number: 57580775 (USE FORMAT 7 FOR FULLTEXT)
Microsoft Delivers Windows for Smart Cards.
PR Newswire , p 5386 Nov 15 , 1999
Language: English Record Type: Fulltext
Document Type: Newswire ; Trade
...card solutions and applications than they could with the existing smart-card platforms.
Typical solutions enabled via these smart cards, such as secure network authentication, secure corporate transactions (such as online banking, and debit and credit), health-care information, electronic cash and customer...

7/3,K/13 (Item 2 from file: 621) Links
Gale Group New Prod.Annou.(R)

02231696 Supplier Number: 57560832 (USE FORMAT 7 FOR FULLTEXT)
Wave Systems Demonstrates Trusted Client Services and Applications at Comdex.
PR Newswire , p 4608 Nov 15 , 1999
Language: English Record Type: Fulltext
Document Type: Newswire ; Trade
...showcase innovative trusted client technology, together with products jointly developed
with Compaq, including their enhanced smart card readers and keyboards with secure user and transaction authentication enabled by Wave's technology.

7/3,K/14 (Item 3 from file: 621) Links
Gale Group New Prod.Annou.(R)

02170750 Supplier Number: 55740231 (USE FORMAT 7 FOR FULLTEXT)
New IBM Digital Wallet Speeds Checkout for Online Shoppers; MasterCard International and IBM Offer First ECML-Compliant, Consumer Wallets To MasterCard's Member Banks.
Business Wire , p 1383 Sept 14 , 1999
Language: English Record Type: Fulltext
Document Type: Newswire ; Trade

...member banks to obtain their own wallet through a special alliance program. MasterCard will also enable the upgrade of existing SET (Secure Electronic Transaction(TM)) wallets that are currently installed.

7/3,K/15 (Item 4 from file: 621) Links
Gale Group New Prod.Annou.(R)

01804215 Supplier Number: 53731856 (USE FORMAT 7 FOR FULLTEXT)
Tritheim Technologies Nominated for Computerworld Smithsonian Award; Virtual Token Technology Recognized for Innovative and Visionary Use of Information Technology.
Business Wire , p 1705 Feb 8 , 1999
Language: English Record Type: Fulltext
Document Type: Newswire ; Trade
The Virtual Tokens technology enables portable, hardware-based authentication with smart cards for software copy protection, file encryption, and secure financial transactions. Enabling greater security than available
through conventional authentication technologies, Virtual Tokens reside in secured memory on...

7/3,K/16 (Item 5 from file: 621) Links
Gale Group New Prod.Annou.(R)

01739613 Supplier Number: 53128901 (USE FORMAT 7 FOR FULLTEXT)
Microsoft Announces Smart Cards for Windows.
PR Newswire , p 0133 Oct 27 , 1998
Language: English Record Type: Fulltext
Document Type: Newswire ; Trade
...an opportunity to help expand the smart card market on an international basis."
Typical solutions enabled via these smart cards, such as secure network authentication, secure corporate transactions (such as online banking, and debit and credit), electronic cash and customer loyalty programs, will...

7/3,K/17 (Item 6 from file: 621) Links
Gale Group New Prod.Annou.(R)

01713787 Supplier Number: 53022716 (USE FORMAT 7 FOR FULLTEXT)
Tritheim Technologies Announces 50% Acquisition by Publicker Industries.
PR Newswire , p 8032 Sept 22 , 1998
Language: English Record Type: Fulltext
Document Type: Newswire ; Trade
...terminal software and Internet automatic teller software.
Virtual Tokens(TM), a technology Tritheim has patented, enables portable, hardware-based authentication with smart cards for software copy protection, file encryption, and secure financial transactions.
Enabling greater security than available through conventional authentication technologies, Virtual Tokens reside in secured memory on...

7/3,K/18 (Item 7 from file: 621) Links
Gale Group New Prod.Annou.(R)

01673306 Supplier Number: 50147745 (USE FORMAT 7 FOR FULLTEXT)
Schlumberger Provides Technology for First U.S. Pilot of a Smart Card in a Set Payment Environment.
Business Wire , p 7080059 July 8 , 1998
Language: English Record Type: Fulltext

Article Type: Article
Document Type: Newswire ; Trade
...and Electronic Commerce Initiative Kicks-off with First Transaction at E-GOV Conference
The first smart card SET (Secure Electronic Transaction) enabled payment transaction over the Internet was demonstrated here today.
This application pilot is unique in...

7/3,K/19 (Item 8 from file: 621) Links
Gale Group New Prod.Annou.(R)

01596977 Supplier Number: 48214311 (USE FORMAT 7 FOR FULLTEXT)
Cylink's PrivateWire Selected by Data Communications Magazine as Hot Product of 1998.
Business Wire , p 01081332 Jan 8 , 1998
Language: English Record Type: Fulltext
Document Type: Newswire ; Trade
...that depend on the secure transmission of sensitive data over the Internet.
PrivateWire combines strong authentication, encryption, firewall, and smart card capabilities to protect
electronic transactions and business communications. Its multi-layer, integrated security architecture includes two-way authentication, access control...

7/3,K/20 (Item 9 from file: 621) Links
Gale Group New Prod.Annou.(R)

01307344 Supplier Number: 45839999 (USE FORMAT 7 FOR FULLTEXT)
V-ONE SMARTWALL IS BEST IN INFOSECURITY NEWS SECURITY SUPPLEMENT
PR Newswire , p 1004NY011 Oct 4 , 1995
Language: English Record Type: Fulltext
Document Type: Newswire ; Trade
...utilizes encryption from RSA to add an additional level of security.
In addition to firewall security, V-ONE has developed the
CyberWallet(TM) technology, based on the Secure
Transaction Channel (STC) protocol to enable safe, open
electronic commerce on the Internet. Lisencees of CyberWallet technology
include Spyglass Inc., SecurePay...

7/3,K/21 (Item 1 from file: 636) Links
Gale Group Newsletter DB(TM)

04487671 Supplier Number: 57597813 (USE FORMAT 7 FOR FULLTEXT)
MICROSOFT: Microsoft delivers Windows for smart cacards.
M2 Presswire , p NA Nov 16 , 1999
Language: English Record Type: Fulltext
Document Type: Magazine/Journal ; Trade
...card solutions and applications than they could with the existing smart-card platforms. Typical solutions enabled via these smart cards, such as secure network authentication, secure corporate transactions (such as
online banking, and debit and credit), health-care information, electronic cash and customer...

7/3,K/22 (Item 2 from file: 636) Links
Gale Group Newsletter DB(TM)

04432031 Supplier Number: 55766196 (USE FORMAT 7 FOR FULLTEXT)
IBM: New IBM digital wallet speeds checkout for online shoppers.
M2 Presswire , p NA Sept 16 , 1999
Language: English Record Type: Fulltext
Document Type: Newswire ; Trade
...member banks to obtain their own wallet through a special alliance program. MasterCard will also enable the upgrade of existing SET (Secure Electronic Transaction TM) wallets that are currently installed.

7/3,K/23 (Item 3 from file: 636) Links
Gale Group Newsletter DB(TM)

04406580 Supplier Number: 55457093 (USE FORMAT 7 FOR FULLTEXT)
SHOPCREATOR DEVELOPMENTS: Yorkshire company do dominates launch of e-commerce software.
M2 Presswire , p NA August 16 , 1999
Language: English Record Type: Fulltext
Document Type: Newswire ; Trade
...access to a professional, online catalogue which is simple to use, with easy ordering and secure purchase by credit card, with e-mail confirmation. Products can be searched for using multiple indexes ensuring that products are easy to locate...

7/3,K/24 (Item 4 from file: 636) Links
Gale Group Newsletter DB(TM)

04183101 Supplier Number: 54738220 (USE FORMAT 7 FOR FULLTEXT)
GEMPLUS: Gemplus and FDC team up to build Smart Card for Windows applications for Federal govt sector.
M2 Presswire , p NA May 20 , 1999
Language: English Record Type: Fulltext
Document Type: Newswire ; Trade

...that enables secure storage for smart cards used for a variety of purposes, such as secure network authentication, secure corporate transactions, electronic cash and customer loyalty programs.
"The U.S. Government has been one of the most innovative...

7/3,K/25 (Item 5 from file: 636) Links
Gale Group Newsletter DB(TM)

03961305 Supplier Number: 50336410 (USE FORMAT 7 FOR FULLTEXT)
News Digest
Interactive Content , p N/A August 1 , 1998
Language: English Record Type: Fulltext
Document Type: Magazine/Journal ; Trade
...transactions firm. Merchants participating in the test will accept payments using CyberCash's technologies permitting secure transactions with credit card numbers and electronic checks. The bill

payment service may be expanded into over 36 Digital City sites in the...

7/3,K/26 (Item 6 from file: 636) Links
Gale Group Newsletter DB(TM)

03395026 Supplier Number: 46986548 (USE FORMAT 7 FOR FULLTEXT)
INDUSTRY BRIEFS:CyberCash, Sun Partner.
Retail Delivery Systems News , v 1 , n 26 , p N/A Dec 20 , 1996
Language: English Record Type: Fulltext
Document Type: Newsletter ; Trade
Text:
...create payment applications for the Internet and intranets. CyberCash is planning to integrate its CyberCoin, secure electronic transaction (SET) credit card and forthcoming electronic check services with this framework. In other news, CyberCash's chief financial officer, Gene Riechers, is...

7/3,K/27 (Item 7 from file: 636) Links
Gale Group Newsletter DB(TM)

02413079 Supplier Number: 44787987 (USE FORMAT 7 FOR FULLTEXT)
STERLING SOFTWARE ACQUIRES DATA ENCRYPTION/AUTHENTICATION SOFTWARE
EDI News , v 8 , n 13 , p N/A June 27 , 1994
Language: English Record Type: Fulltext
Document Type: Newsletter ; Trade
...Systems Division.
This is especially important in the financial industry, where barring unauthorized access to bank account information is paramount.
Secure:Exchange enables data to be put into a variety of machine-readable formats to prevent unauthorized access...

7/3,K/28 (Item 1 from file: 16) Links
Gale Group PROMT(R)

07356991 Supplier Number: 58916695 (USE FORMAT 7 FOR FULLTEXT)
Banks Demo Card-Based SET Transaction on Web.
Marlin, Steven
Bank Systems + Technology , v 35 , n 10 , p 30 Oct , 1998
Language: English Record Type: Fulltext
Document Type: Magazine/Journal ; Trade
Text:

The first smart card-enabled SET (Secure Electronic Transaction) transaction over the Internet has been demonstrated in a pilot involving the U.S. Treasury, Zions...

7/3,K/29 (Item 2 from file: 16) Links
Gale Group PROMT(R)

06526736 Supplier Number: 55303856 (USE FORMAT 7 FOR FULLTEXT)
Europe sets pace for mobile e-commerce.(Industry Trend or Event)

Salz-Trautman, Peggy
CommunicationsWeek International , p 14 July 19 , 1999
Language: English Record Type: Fulltext
Document Type: Magazine/Journal ; Trade
...or services]."
The service will enable consumers with Motorola dual-slot StarTACD handsets to make secure transactions via smart card-enabled credit cards. Another participant in the trial is the Groupement des Cartes Bancaires (CB), a...

7/3,K/30 (Item 3 from file: 16) Links
Gale Group PROMT(R)

05987007 Supplier Number: 53347443 (USE FORMAT 7 FOR FULLTEXT)
GSA Leads Charge on Commercial Cards.(General Services Administration)
BLOOM, JENNIFER KINGSON
American Banker , v 163 , n 230 , p NA Dec 3 , 1998
Language: English Record Type: Fulltext
Document Type: Magazine/Journal ; Trade
...ultimately we're targeting this relationship-GSA and Citibank and the SmartPay banks-to issue smart cards for secure Internet purchasing and authentication services."
The project breaks ground in several ways, Mr. Temoshok said. "This is not a...

7/3,K/31 (Item 4 from file: 16) Links
Gale Group PROMT(R)

05550717 Supplier Number: 48412247 (USE FORMAT 7 FOR FULLTEXT)
Federal Agencies Take the Lead in Chip Cards
BLOOM, JENNIFER KINGSON
American Banker , p 15 April 8 , 1998
Language: English Record Type: Fulltext
Document Type: Magazine/Journal ; Trade
...office, renewing a driver's license, or making reservations at a national park.
Longer term, smart cards could help secure information and authenticate transactions on the Internet,
store tax records and personal information, and help manage benefits programs like...

7/3,K/32 (Item 1 from file: 148) Links
Gale Group Trade & Industry DB

14525253 Supplier Number: 83516395 (USE FORMAT 7 OR 9 FOR FULL TEXT)
E-survival kit: How to get in the Game. (e-Commerce).
Baker, Pam
Georgia Trend , 15 , 3 , 37(7) Nov , 1999
ISSN: 0882-5971
Language: English
Record Type: Fulltext

...and is so powerful that Uncle Sam has restricted exporting it to foreign countries.
SET -- Secure Electronic Transaction, a new standard that enables secure credit card

transactions,
employing digital signatures for identification and verification purposes.
Smart Card -- Think of it as a credit card-sized memory disk. It's ...

7/3,K/33 (Item 2 from file: 148) Links
Gale Group Trade & Industry DB

10007090 Supplier Number: 20218116 (USE FORMAT 7 OR 9 FOR FULL TEXT)
E-commerce. (includes related articles on electronic commerce) (part one)
Conhaim, Wallys W.
Link-Up , v15 , n1 , p13(3) Jan-Feb , 1998
ISSN: 0739-988X
Language: English
Record Type: Fulltext

...online services, to business conducted entirely online through the use of newer tools such as authentication, digital cash, and secure, encrypted transactions.
The venues have expanded, too - from proprietary consumer or business networks primarily in the U...

7/3,K/34 (Item 3 from file: 148) Links
Gale Group Trade & Industry DB

08661962 Supplier Number: 18270506 (USE FORMAT 7 OR 9 FOR FULL TEXT)
HP helps to secure network access. (HP's Praesidium Authorization Server network security software)(Product Announcement)
Rodriguez, Karen
CommunicationsWeek , n609 , p44(2) May 6 , 1996
Document Type: Product Announcement
ISSN: 0746-8121
Language: English
Record Type: Fulltext; Abstract

...level boards that fit into the backplane of a server motherboard or inserted in a smart card enabling secure authentication and transactions.
HP can be reached at www.hp.com or 408-447-4587.

7/3,K/35 (Item 4 from file: 148) Links
Gale Group Trade & Industry DB

07608044 Supplier Number: 16529998 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Controlled disbursement jumps into new waters. (Cover Story)
Ebert, Stephen
Corporate Cashflow Magazine , v15 , n12 , p17(4) Nov , 1994
Document Type: Cover Story
ISSN: 1040-0311
Language: ENGLISH
Record Type: FULLTEXT; ABSTRACT

Abstract: ...signing corporate check payments. This was affected by competing banks as they reduced prices to secure corporate deals while companies limited bank accounts to generate greater discounts for check volumes. However, bank failures raised concerns over instrument safety. Thus, disbursement holders need to consider...

++

13/3,K/1 (Item 1 from file: 636) Links
Gale Group Newsletter DB(TM)

03961082 Supplier Number: 50335649 (USE FORMAT 7 FOR FULLTEXT)
News Digest
Interactive Home , p N/A August 1 , 1998
Language: English Record Type: Fulltext
Article Type: Article
Document Type: Magazine/Journal ; Trade
...transactions firm. Merchants participating in the test will accept payments using CyberCash's technologies permitting secure transactions with credit card numbers and electronic checks. The bill payment service may be expanded into over 36 Digital City sites in the...

13/3,K/2 (Item 2 from file: 636) Links
Gale Group Newsletter DB(TM)

03702405 Supplier Number: 47990959 (USE FORMAT 7 FOR FULLTEXT)
RMIT EXPANDS GLOBAL E-COMMERCE ROLE
Exchange , v 9 , n 36 , p N/A Sept 19 , 1997
Language: English Record Type: Fulltext
Document Type: Newsletter ; Trade
...secure transactions over GTPNet. The kit will comprise a PC attachable smartcard reader and personalised secure electronic trading card authenticating the holder. Only six countries - Australia, China, Indonesia, Malaysia, South Korea and the US - have...

13/3,K/3 (Item 1 from file: 16) Links
Gale Group PROMT(R)

06808015 Supplier Number: 57580775 (USE FORMAT 7 FOR FULLTEXT)
Microsoft Delivers Windows for Smart Cards.
PR Newswire , p 5386 Nov 15 , 1999
Language: English Record Type: Fulltext
Document Type: Newswire ; Trade
...card solutions and applications than they could with the existing smart-card platforms.
Typical solutions enabled via these smart cards, such as secure network authentication, secure corporate transactions (such as online banking, and debit and credit), health-care information, electronic cash and customer...

13/3,K/4 (Item 2 from file: 16) Links
Gale Group PROMT(R)

06118983 Supplier Number: 53731856 (USE FORMAT 7 FOR FULLTEXT)
Tritheim Technologies Nominated for Computerworld Smithsonian Award; Virtual Token

Technology Recognized for Innovative and Visionary Use of Information Technology.
Business Wire , p 1705 Feb 8 , 1999
Language: English Record Type: Fulltext
Document Type: Newswire ; Trade

The Virtual Tokens technology enables portable, hardware-based authentication with smart cards for software copy protection, file encryption, and secure financial transactions. Enabling greater security than available through conventional authentication technologies, Virtual Tokens reside in secured memory...

13/3,K/5 (Item 3 from file: 16) Links
Gale Group PROMT(R)

05908917 Supplier Number: 53128901 (USE FORMAT 7 FOR FULLTEXT)
Microsoft Announces Smart Cards for Windows.
PR Newswire , p 0133 Oct 27 , 1998
Language: English Record Type: Fulltext
Document Type: Newswire ; Trade
...an opportunity to help expand the smart card market on an international basis."
Typical solutions enabled via these smart cards, such as secure network authentication, secure corporate transactions (such as online banking, and debit and credit), electronic cash and customer loyalty programs, will...

13/3,K/6 (Item 4 from file: 16) Links
Gale Group PROMT(R)

05867811 Supplier Number: 53022716 (USE FORMAT 7 FOR FULLTEXT)
Tritheim Technologies Announces 50% Acquisition by Publicker Industries.
PR Newswire , p 8032 Sept 22 , 1998
Language: English Record Type: Fulltext
Document Type: Newswire ; Trade

...automatic teller software.
Virtual Tokens(TM), a technology Tritheim has patented, enables portable, hardware-based authentication with smart cards for software copy protection, file encryption, and secure financial transactions. Enabling greater security than available through conventional authentication technologies, Virtual Tokens reside in secured memory...

13/3,K/7 (Item 5 from file: 16) Links
Gale Group PROMT(R)

05700329 Supplier Number: 50147745 (USE FORMAT 7 FOR FULLTEXT)
Schlumberger Provides Technology for First U.S. Pilot of a Smart Card in a Set Payment Environment.
Business Wire , p 7080059 July 8 , 1998
Language: English Record Type: Fulltext
Article Type: Article

Document Type: Newswire ; Trade
...and Electronic Commerce Initiative Kicks-off with First Transaction at E-GOV Conference
The first smart card SET (Secure Electronic Transaction) enabled payment transaction over the Internet was demonstrated here today.
This application pilot is unique in...

13/3,K/8 (Item 6 from file: 16) Links
Gale Group PROMT(R)

05414650 Supplier Number: 48214311 (USE FORMAT 7 FOR FULLTEXT)
Cylink's PrivateWire Selected by Data Communications Magazine as Hot Product of 1998.
Business Wire , p 01081332 Jan 8 , 1998
Language: English Record Type: Fulltext
Document Type: Newswire ; Trade

...that depend on the secure transmission of sensitive data over the Internet.
PrivateWire combines strong authentication, encryption, firewall, and smart card capabilities to protect
electronic transactions and business communications. Its multi-layer, integrated security architecture includes two-way authentication, access control...

13/3,K/9 (Item 7 from file: 16) Links
Gale Group PROMT(R)

04746495 Supplier Number: 46986548 (USE FORMAT 7 FOR FULLTEXT)
INDUSTRY BRIEFS:CyberCash, Sun Partner.
Retail Delivery Systems News , v 1 , n 26 , p N/A Dec 20 , 1996
Language: English Record Type: Fulltext
Document Type: Newsletter ; Trade
Text:

...create payment applications for the Internet and intranets. CyberCash is planning to integrate its CyberCoin, secure electronic transaction (SET) credit card and forthcoming electronic check services with this framework. In other news, CyberCash's chief financial officer, Gene Riechers, is...

13/3,K/10 (Item 8 from file: 16) Links
Gale Group PROMT(R)

04339417 Supplier Number: 46364173 (USE FORMAT 7 FOR FULLTEXT)
HP Helps to Secure Network Access
CommunicationsWeek , p 44 May 6 , 1996
Language: English Record Type: Fulltext
Document Type: Newsletter ; Trade
...level boards that fit into the backplane of a server motherboard or inserted in a smart card enabling secure authentication and transactions.
HP can be reached at www.hp.com or 408-447-4587.

13/3,K/11 (Item 1 from file: 148) Links
Gale Group Trade & Industry DB

0019778194 Supplier Number: 57597813 (USE FORMAT 7 OR 9 FOR FULL TEXT)
MICROSOFT: Microsoft delivers Windows for smart cacards.
M2 Presswire , NA Nov 16 , 1999
Language: English
Record Type: Fulltext
...card solutions and applications than they could with the existing smart-card platforms. Typical solutions enabled via these smart cards, such as secure network authentication, secure corporate transactions (such as
online banking, and debit and credit), health-care information, electronic cash and customer...

13/3,K/12 (Item 2 from file: 148) Links
Gale Group Trade & Industry DB

0019758399 Supplier Number: 55457093 (USE FORMAT 7 OR 9 FOR FULL TEXT)
SHOPCREATOR DEVELOPMENTS: Yorkshire company do dominates launch of e-commerce software.
M2 Presswire , NA August 16 , 1999
Language: English
Record Type: Fulltext
...access to a professional, online catalogue which is simple to use, with easy ordering and secure purchase by credit card, with e-mail confirmation. Products can be searched for using multiple indexes ensuring that products are easy to locate...

13/3,K/13 (Item 3 from file: 148) Links
Gale Group Trade & Industry DB

0019743482 Supplier Number: 54738220 (USE FORMAT 7 OR 9 FOR FULL TEXT)
GEMPLUS: Gemplus and FDC team up to build Smart Card for Windows applications for Federal govt sector.
M2 Presswire , NA May 20 , 1999
Language: English
Record Type: Fulltext
...that enables secure storage for smart cards used for a variety of purposes, such as secure network authentication, secure corporate transactions, electronic cash and customer loyalty programs.
"The U.S. Government has been one of the most innovative...

13/3,K/14 (Item 4 from file: 148) Links
Gale Group Trade & Industry DB

10106886 Supplier Number: 20472614 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Federal Agencies Take the Lead in Chip Cards.
Bloom, Jennifer Kingson
American Banker , v163 , n66 , p15(1) April 8 , 1998
ISSN: 0002-7561
Language: English

Record Type: Fulltext; Abstract
...office, renewing a driver's license, or making reservations at a national park.
Longer term, smart cards could help secure information and authenticate transactions on the Internet,
store tax records and personal information, and help manage benefits programs like...

Subject Search; non patent literature; full text # 4

Set Items Description
S1 7818 S (((ELECTRONIC OR E OR VIRTUAL OR COMPUTERI? OR CYBER OR ONLINE OR ON()LINE)(3N)(BANKBOOK OR (BANC OR BANK)()BOOK OR PURSE)) OR ((USER OR USERS OR CHECKING OR BANK OR SAVINGS OR BANC OR DEPOSIT OR CREDIT()UNION OR (FINANCIAL OR DEBIT OR CREDIT)()(INSTITUTION OR INSTITUTIONS OR ENTITY OR ENTITIES))(4N)(ACCOUNT OR ACCOUNTS OR DEPOSIT OR DEPOSITS)) OR (EPURSE OR EWALLET OR DIGIWALLET? ? OR DIGIPURSE? ? OR CYBERPURSE? ? OR CYBERWALLET? ? OR (IC OR SMART OR MEMORY OR MICROPROCESSOR OR INTEGRATED()CIRCUIT OR CHIP)()CARD? ? OR ICC OR (E OR ELECTRONIC OR DIGI OR DIGITAL OR CYBER OR VIRTUAL OR SMART)(2N)(CASH OR CARD? ? OR CURRENC? OR DOLLAR? OR MONEY OR MONIES OR PURSE? ? OR WALLET? OR BILLFOLD? ? OR POCKETBOOK? ? OR HANDBAG? ?))(5N)((GREY()LOCK OR GREYLOCK OR SECURE OR SECURITY)()MARK? ? OR GREY()OPERATION? ? OR UNLOCK? OR LOCK? OR SECURE OR SECURITY OR ENCRYPT??? OR DECRYPT??? OR CIPHER? ? OR CYPER? ? OR IN()CODE OR ENC?PEHR?? OR DEC?PHER? OR CODED OR CODING OR LOCK? OR UNLOCK?)
S2 28832 S (SECURE? ? OR ENCRYPT??? OR (NON OR "NOT")()TAMPER? OR TAMPER()(PROOF OR RESISTAN??) OR SEALED OR CIPHER OR CYPHER OR LOCK??? OR RESTRICTED OR CONTROLLED OR PROTECT?? OR ENCOD??? OR ENC?PHER??? OR SAFE? ? OR IMPREGNABLE OR INVIOLABLE)(3W)(ACT OR ACTS OR ACTION OR ACTIONS OR ACTIVITY OR ACTIVITIES OR ATTEMPT OR ATTEMPTS OR BUY??? OR BUYOUT OR BUYOUTS OR BUY???()(OUT OR OUTS) OR DEAL OR DEALS OR DEALING OR DEALINGS OR EXCHANG??? OR MARKET()(EVENT OR EVENTS OR ACTIVITY OR ACTIVITIES) OR OPERATION OR OPERATIONS OR ORDER OR ORDERS OR PROCEDURE OR PROCEDURES OR PURCHAS??? OR SALE OR SALES OR SELL??? OR TRADE OR TRADES OR TRADING OR TRANSACTION OR TRANSACTIONS OR TRANSFER? OR VALUE(2N)TRANSFER?)
S3 88694 S (VERIFY??? OR VERIFI? OR VALIDAT? OR DETERMIN??? OR DETERMINATION OR CHECK??? OR CONFIRM??? OR CONFIRMATION OR AUTHENTICAT?) AND (RESET OR RESETTING OR RESETS OR RE()(SET OR SETS OR SETTING) OR ENABL??? OR REENABL? OR ACTIVAT??? OR REACTIVAT??? OR ENGAG??? OR REENGAG??? OR (TURN??? OR POWER??? OR SHUT? ? OR SHUTTING OR SWITCH???)()ON OR ENABL? OR REENABL? OR RESTART??? OR RE()START???)
S4 179 S S1(10N)S2
S5 7 S S4(10N)S3
S6 5 S S5 NOT PY>1999
S7 5 RD (unique items)
S8 0 S (((ELECTRONIC OR E OR VIRTUAL OR COMPUTERI? OR CYBER OR ONLINE OR ON()LINE)(3N)(BANKBOOK OR (BANC OR BANK)()BOOK OR PURSE)) OR (EPURSE OR EWALLET OR DIGIWALLET? ? OR DIGIPURSE? ? OR CYBERPURSE? ? OR CYBERWALLET? ?) OR (IC OR SMART OR INTEGRATED()CIRCUIT OR E OR ELECTRONIC)()(CARD? ? OR PURSE)

OR ICC) (3N)((GREY()LOCK OR GREYLOCK OR SECURE OR SECURITY)()MARK? ? OR GREY()OPERATION? ? OR GREYLOCK OR GREY()LOCK)
S9 152 S S1(2N)S3
S10 4 S S9(3N)(SECURE? ? OR ENCRYPT??? OR (NON OR "NOT")()TAMPER? OR TAMPER()(PROOF OR RESISTAN??) OR LOCK??? OR RESTRICTED OR CONTROLLED OR PROTECT?? OR ENC?PHER???)(3W)(ACTION OR ACTIONS OR ACTIVITY OR ACTIVITIES OR BUY??? OR BUYOUT OR BUYOUTS OR BUY???()(OUT OR OUTS) OR OPERATION OR OPERATIONS OR ORDER OR ORDERS OR PROCEDURE OR PROCEDURES OR PURCHAS??? OR TRADE OR TRADES OR TRADING OR TRANSACTION OR TRANSACTIONS OR TRANSFER? OR VALUE(2N)TRANSFER?)
S11 1 S S10 NOT S7
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**File 626: This file no longer updates. Use Newsroom Files 989 and 990 for current records.*

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7/3,K/1 (Item 1 from file: 625) Links
American Banker Publications
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0228802
* GSA Leads Charge on Commercial Cards
American Banker - December 3, 1998 ; Pg. 13 ; Vol. 163 , No. 230
Document Type: Journal Language: English Record Type: Fulltext
Byline:
By JENNIFER KINGSON BLOOM
Text:
...ultimately we're targeting this relationship-GSA and Citibank and the SmartPay banks-to issue smart cards for secure Internet purchasing and authentication services."
The project breaks ground in several ways, Mr. Temoshok said. "This is not a...

7/3,K/2 (Item 2 from file: 625) Links
American Banker Publications

0215671
* Smart Cards: Federal Agencies Take the Lead in Chip Cards
American Banker - April 8, 1998 ; Pg. 15 ; Vol. 163 , No. 66
Document Type: Journal Language: English Record Type: Fulltext
Byline:
By JENNIFER KINGSON BLOOM
Text:
...office, renewing a driver's license, or making reservations at a national park.
Longer term, smart cards could help secure information and authenticate transactions on the Internet, store tax records and personal information, and help manage benefits programs like...

7/3,K/3 (Item 1 from file: 268) Links
Banking Info Source

00345741 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Banks demo card-based SET transaction on Web
Marlin, Steven
Bank Systems & Technology , v 35 , n 10 , p 30 , Oct 1998 Document Type: Journal Article
Language: English Record Type: Abstract Fulltext
Abstract:

The first smart card-enabled SET (Secure Electronic Transaction) transaction over the Internet has been demonstrated in a pilot involving the US Treasury, Zions First...

7/3,K/4 (Item 2 from file: 268) Links
Banking Info Source

00292432 (USE FORMAT 7 OR 9 FOR FULLTEXT)
The Internet: Revolutionizing the delivery of financial services
Emrick, Anthony J
Hoosier Banker , v 80 , n 7 , p 24-25 , Jul 1996 Document Type: Journal Article Article Type: Feature
Language: English Record Type: Abstract Fulltext
...of technology, are paving the way for fundamental changes in the way individuals and companies engage in financial transactions. Encrypted transactions, digital cash, on-line loan applications, customer service and mutual fund purchases present great threats - and great...

7/3,K/5 (Item 1 from file: 267) Links
Finance & Banking Newsletters

00002732
INDUSTRY BRIEFS
RETAIL DELIVERY SYSTEMS NEWS
December 20, 1996 Vol: 1 Issue: 26 Document Type: NEWSLETTER
Publisher: PHILLIPS BUSINESS INFORMATION
Language: ENGLISH Word Count: 555 Record Type: FULLTEXT

Text:

...create payment applications for the Internet and intranets.
CyberCash is planning to integrate its CyberCoin, secure electronic transaction (SET) credit card and forthcoming electronic check services with this framework. In other news, CyberCash's chief financial officer, Gene Riechers, is...

++

11/3,K/1 (Item 1 from file: 268) Links
Banking Info Source

00399477 73169465 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Credit cards face online challengers
Hoffman, Karen Epper
Card Technology , p 84-92 , May 2001 Document Type: Periodical; Feature Language: English Record Type: Fulltext
...shop over the Internet for fear of fraud.
Ironically, American Express, which issued its Blue chip card with digital authentication capabilities that secure online transactions, was one of the first to offer the disposable number service.
American Express' Private Payments...

Section 3:

10082371 best results
METHOD FOR IMPLEMENTING SECURE TRANSACTION FOR ELECTRONIC DEPOSIT (PURSE)

9/5/2 (Item 2 from file: 350) Links
Derwent WPIX

0010269653 & & *Drawing available*
WPI Acc no: 2000-582479/200055
XRPX Acc No: N2000-431175
Data comparison apparatus in integrated circuit card processing system, compares sales and purchase money based on reception of decoding request from decoder when decoding impossibility is judged
Patent Assignee: FUJITSU LTD (FUIT)
Inventor: ISHIDA Y

Patent Family (1 patents, 1 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type

JP 2000231654	A	20000822	JP 199932372	A	19990210	200055	B

Alerting Abstract JP A
NOVELTY - Encrypted information about sales and purchase money is input to a decoder (110) from a reader-writer (300) which reads information from IC card (400). When decoder judges decoding impossibility, a decoding request is sent to a comparator (10) via internet (200). Decoded information of sales and purchase money from the comparator is then compared in a comparator (130), to check if both are in accord.
DESCRIPTION - An INDEPENDENT CLAIM is also included for data comparison program stored in recording medium.
USE - For comparing encrypted sales and purchase money in IC card processing system connected to internet, in stores.
ADVANTAGE - Enables judging correctness in dealing action by comparing sales money and purchase money. Enables dealing with several encryption key or encryption algorithm using simple technique.

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7/3,K/3 Links
Dialog Global Reporter

08239306 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Microsoft Delivers Windows for Smart Cards
PR NEWSWIRE November 15, 1999
Journal Code: WPRW Language: English Record Type: FULLTEXT

...card solutions and applications than they could with the existing smart-card platforms.
Typical solutions enabled via these smart cards, such as secure network authentication, secure corporate transactions (such as online banking, and debit and credit), health-care information, electronic cash and customer...
==========
7/3,K/11 Links
Dialog Global Reporter

05289917 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Microsoft Targets Atmel's Smart Card ICs For First Release of Smart Card for Windows OS; Agreement Puts Atmel In Secure Internet E-commerce Arena
BUSINESS WIRE May 12, 1999
Journal Code: WBWE Language: English Record Type: FULLTEXT

...portable, extremely secure means of storing, encrypting and decrypting data, making them ideal for providing secure electronic identification. With a smart card, the user's ID is encrypted on the card, so he or she can engage in secure transactions or access a secure network from any PC by simply inserting his or her smart...
==========

7/3,K/14 Links
Dialog Global Reporter

04269150 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Tritheim Technologies Nominated for Computerworld Smithsonian Award; Virtual Token Technology Recognized for Innovative and Visionary Use of Information Technology

BUSINESS WIRE February 08, 1999
Journal Code: WBWE Language: English Record Type: FULLTEXT

...TM) Technology for its innovative and visionary use of information technology.
The Virtual Tokens technology enables portable, hardware-based authentication with smart cards for software copy protection, file encryption, and secure financial transactions. Enabling greater security than available through conventional authentication technologies, Virtual Tokens reside in secured memory on smart cards, Tritheim's SmartPort(TM) smart...
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7/3,K/11 (Item 3 from file: 810) Links
Business Wire
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0895159 BW1393
GEMPLUS : Gemplus Introduces Secure, Affordable Card Reader for Logical Access and Internet Security
August 17, 1998
Byline: Business Editors/High Tech Writers

...from the user is sent directly from the keyboard to the reader, where it is validated by the smart card, taking full advantage of smart card built-in security.
Validation takes place with no processing on the PC, where a breach of security could occur...
...processing where user-critical information is involved.
"The GCR420 is a significant step forward in enabling the smart card to be the key technology for Internet transactions and e-commerce applications...
...Gemplus is the first company to offer a smart card reader without a keypad, this enables the user to enter his or her PIN code directly from the PC keyboard which...
==========

7/3,K/24 (Item 6 from file: 813) Links
PR Newswire
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0844088 NY040
CP8 TRANSAC ELECTRONIC PURSE EXPANDS INTO NETHERLANDS
Date: July 25, 1995 10:10 EDT Word Count: 741
Correction:

...said. The CP8 CC60 is the latest product from CP8 Transac to address the emerging electronic purse market. With its unique security features, the CC60 is the enabling piece to the CP8 secure transaction environment.
"Security requires an end-to-end architecture -- from the point of customer interaction with...

7/3,K/4 (Item 4 from file: 9) Links
Business & Industry(R)
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01367391 Supplier Number: 24029751
RMIT EXPANDS GLOBAL E-COMMERCE ROLE
(Secure transactions will soon be launched on the United Nations Global Trade Point Network)
Exchange Telecommunications Newsletter , v 9 , n 36 , p N/A September 19, 1997
Document Type: Newsletter (Australia)

Language: English Record Type: Fulltext
...secure transactions over GTPNet. The kit will comprise a PC attachable smartcard reader and personalised secure electronic trading card authenticating the holder. Only six countries - Australia, China, Indonesia, Malaysia, South Korea and the US -have...